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Lancaster Farming

VOL. 16 NO 28 | Lancaster Farming, Saturday, June 5, 1971 | $2.00 Per Year

7 Enter '71 Lancaster Co. Dairy Princess Pageant

Nanette Stauffer

The Lancaster County Dairy Princess Committee this week announced seven contestants for the Lancaster County Dairy Princess Pageant June 22 at the Farm and Home Center

The seven are Susan A Kauffman, Cynthia Balmer, Carol Kettering, Linda Martin, Patricia S Haverstick, Nanette Stauffer and Sally Hostetter

A dairy bar reception will be held at 6 30 p m followed by dinner at 7 p m and then the pageant June 22.

Tickets are available at the Extension office from Max Smith, Lancaster County agricultural agent, or from Curley Brantly at Atlantic Breeders, or from Pageant committee members

Mrs Robert Gregory, Lititz RD1, Princess Committee chairman expressed appreciation for the good response to the contest The attractive contestants range in age from 16 to 18, and they are from several areas in Lancaster County

The girls and a brief background sketch of them are as follows·

Miss Susan Kauffman, 17, daughter of Mr and Mrs Robert H Kauffman, Elizabethtown RD1, is a 1971 graduate of Elizabethtown Area High School Active in the Lancaster County 4-H Holstein Club, she was a member of the Lancaster County 4-H dairy judging team She is also a member of the Mount Joy Sewing 4-H Club and was Pennsylvania State Holstein Girl She is active in the church choir and youth groups of Congregation Bible Church of Marietta

Cynthia Balmer, 18, daughter of Mr and Mrs Jesse G Balmer, Lititz RD4, is a 1971 graduate of Warwick Area High School Active in the Lancaster County Guernsey 4-H Club, she is also a member of the Lincoln 4-H Sewing Club She attends Middle Creek Church of the Brethren and participates in its youth group

Carol Kettering, 16, is the daughter of Mr and Mrs Henry Kettering, Lititz RD3 She attends Manheim Township High School and is active in the

(Continued on Page 8)

Susan A. Kauffman

Carol Kettering

Patricia S. Haverstick

Sally Hostetter

Linda Martin

Cynthia Balmer

Some Animals Over 15 Years Old, Tie Stall Barn for Individual Care

Generations of Breeding are Behind Long-Lived Book Herd

Roy H. and Ruth H. Book go over some farm records Mrs. Book keeps the records.

The name of Roy H and Ruth H Book frequently appears in releases by the Holstein-Friesian Association of America recognizing outstanding production records

But in his farming operation, Book emphasizes that he does not place primary emphasis on herd average

He states, "I like to see a high herd average, but I'm not trying for it Often times, these high herd averages aren't the most profitable"

Rather, Book places emphasis on developing sound animals which can make him a profit over several years

One of his cows is 15 years old This animal has produced more than 200,000 pounds of milk Because the animal didn't calve this time, she is in her last lactation

Unlike many dairymen who get rid of animals quickly after about 10 years, Book says he keeps some even longer than 15 if they continue to produce

While these older animals may not produce as much as some of the younger ones, he figures they have already paid for themselves and don't have to produce as much to show a profit Also, he continues to get calves from them, and the calves are valuable if the dam has had a good record.

He has several cows over 10 years old and his breeding program is designed to develop more of these types of long-lasting animals.

He notes that it takes about two years to develop a replacement animal and a cow which produces for about 10 years has picked up the two years that it takes to replace a cow which produces for only about five years This can translate into major cost reduction

The Book operation also places heavy emphasis on the sale of breeding stock While milking about 50 registered Holsteins, he has a total of 120 animals Besides growing all his own replacement stock, all his bulls go for breeding purposes He sells most of the bulls at around 12 months for prices ranging usually from $250 to $500

He also sells many cows, mostly heifers, privately Bred heifers usually for for $500 to $700 Some are sold to dealers. Last year, he sold a lot of four in Kentucky and a lot of five to the University of North Carolina Most are sold in Lancaster County, however.

His Roaring Maples Farms stock are widely known because he represents the third generation of Books to operate the dairy farm, which has a Ronks RD1 address and is located on Route 896 near the Guernsey Sales Pavilion on Route 30. Since Book has owned the farm, he has never bought any

(Continued on Page 5)

Farm Calendar

Saturday, June 5

Summer Conservation tour, beginning at Millersville, starts today

1971 National Chicken Cooking contest, Ocean City, Md.

Monday, June 7

8 p m — Lancaster County Poultry Association Board of Directors meeting, Farm and Home Center.

(Continued on Page 11)

Local Livestock Market and Auction Reports

Lancaster Auction

Wednesday, June 2

	Cattle	Calves	Hogs	Sheep
Today	1393	115	649	45
Last wk	1205	81	376	9
Last yr	1399	97	226	57
This wks auction	1353	116	431	49
Last wks auction	1197	75	290	15

CATTLE — Compared to last Wednesday, Slaughter Steers uneven, Standard to average-Choice steady to 50 higher, high-Choice and Prime 1000 1150 lbs steady, 1150-1300 lbs weak to 25 lower, Cows steady spots 25 lower, Bulls fully steady, instance 50 higher on Utility and Commercial

SLAUGHTER STEERS—High-Choice and Prime 1050 1350 lbs 33 35-34 35, Choice 950-1400 lbs 32 00-33 75, high-Good and low-Choice 30 85-32 50 Good 28 50-31 25, Standard and low-Good 27 25-29 25

SLAUGHTER HEIFERS — Choice 750-950 lbs 29 50-31 75, Good 27 00-29 50

COWS — Utility and high-dressing Cutter 24 00-25 85, Cutter 23 00-24 50 Canner and low-Cutter 21 50-23 00

BULLS — Choice 28 85-30 85, few 31 00-31 50, Good 27 50-29 10, Utility and Commercial 27 50-31 00, few 31 00-32 25, five head 32 50-33 10

VEAL CALVES — Vealers steady to 1 00 higher

VEALERS — Choice 49 50-51 50, few 52 00 52 50 Good 44 50-50 00, Standard 41 00-46 50 Utility 35 00 40 00 Cull 26 00-31 00

CALVES RETURNED TO FARM — Bulk 90-115 lbs 39 50-46 50, few 46 50-49 50

HOGS — Barrows and Gilts mostly 1 00 higher

BARROWS AND GILTS — US 1 200-210 lbs 20 50-20 75 US 2-3 190-250 lbs 19 35-19 75, US 2-3 250-255 lbs 19 25-19 35

SHEEP — Spring Lambs and Slaughter Ewes fully steady

SPRING LAMBS — Choice 50-85 lbs 33 00-36 50

SLAUGHTER EWES—Utility and Good 6 00-9 00

Lancaster Market

The Lancaster Union Stock Yards was closed to all livestock trading including the auction, Monday, May 31, which was Memorial Day.

Lebanon Valley Auction

Tuesday, June 1
361 Head of Cattle

Steers High Choice and Prime (few), 32 85-34 85, Choice, 31 10-32 85, Good, 29 00-31 00, Standard (few), 27 00-28 75

Heifers Good (individual), 26 75 28 00, Utility (few), 24 00-25 25

Cows Utility and High Dressing Cutter, 24 60-25 85, Cutter, 23 50-24 50, Canner, 21 75-23 75, Shells, 20 00

Bulls Good, 28 75-30 10, Utility and Commercial, 27 00 30 85

174 Head of Veal Calves

Good, 48 00-51 00, Standard, 44 00-46 50, Utility, 41 00-43 00, Cull 90-120 pounds (few), 25 50-30 50

Farm Calves· Bulls 80-110 pounds, 36 50-49 00, Heifers 85-120 pounds, 36 50-49 00

233 Head of Hogs

Barrows and Gilts U S 1-2 200-240 pounds (few), 20 10, U S 2-3 190-245 pounds, 19 35-20 00, U S 2-4 195-250 pounds, 19 10-19 35, U S 2-4 175-185 pounds, 17 10-18 10,

Sows U S 1-3 300-500 pounds (few), 14 35-15 60, U S 2-3 300-600 pounds, 12 75-14 00

Boars (few), 11 50-14 00

18 Head of Sheep and Lambs

Utility and Good (few), 26 50-30 50

Local Grain

Thursday, June 3

These prices are made up of the average prices quoted by six participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity All prices are per bushel, except for ear corn which is per ton

The average local grain prices quoted Thursday, June 3, 1971, are as follows

	Bid	Offered*
Ear Corn	41 00	46 00
Shelled Corn	1 68	1 88
Oats (local)	80	92
Oats (western)	1 01	1 10
Barley	1 22	1 39
Wheat	1 64	1 86

*Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

Composite Report

Friday Weekly, June 4

Lancaster, Vintage, and New Holland Markets

	Cattle	Calves
This week	4800	1100
Last week	5400	1067
Last year	5976	1090

CATTLE — Slaughter Steers uneven, average Choice to Prime weak to 50 lower, Standard to low-Choice steady to 25, instances 50 higher, Cows unevenly steady, Bulls mostly steady, instances 50 higher on Utility and Commercial over 1500 lbs Supply included an estimated 50 percent Slaughter Steers, 30 percent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS—High-Choice and Prime 1050 1325 lbs 33 00-34 00, few 34 00-34 75, Choice 950-1350 lbs 31 50-33 75 high-Good and low-Choice 30 50-32 25, Good 28 50-31 50, Standard and low-Good 26 50-29 00

SLAUGHTER HEIFERS — Choice 750-950 lbs 29 50-31 50, few 31 75-32 25, Good 27 00-29 50

COWS — Utility and high-dressing Cutter 23 50-25 50, few 25 50-26 00, around six head 26 00 26.50, Cutter 22.50-24 50, Canner and low-Cutter 20 50-22 50

BULLS — Choice 28 75-30 75, few 31 00-32 50, Good 27 00-29 25, Utility and Commercial 27 00-31 00, several 31 00-32 00, around twenty head 32 00-33 10

VEAL CALVES—Vealers generally steady, although closing sales week to 2 00 lower, Calves returned to farm 3 00 5 00 higher

VEALERS — Choice 47 00-51 00, few 51 50-52 50, Good 44 00 49 00 Standard 39 00-45 00 Utility 32 00-40 00, Cull 26 00-34 00

CALVES RETURNED TO FARM — Bulk 90-120 lbs 38 00-48 00, few 48 00-53 00

New Holland Horse Auction

Monday, May 31

Reported receipts of 403 head of horses, market stronger on better horses, balance steady

One load Iowa riding horses, 140 355

One load Kansas riding horses, 140-305

Two loads Oklahoma riding horses, 105-205

Locally consigned work horses, 175-255, riding horses 95-200 driving horses, 100-230, few better horses, 225-370, mules, 95-145

Mare ponies, 15-45 geldings, 10 40, colts, 5-15, larger ponies, 40 60 killers, 10-12

Vintage Auction

Tuesday, June 1

	Cattle	Calves	Hogs	Sheep
Today	1099	443	695	131
Last wk	919	445	607	137
Last yr.	971	404	331	56

CATTLE — Compared to last Tuesday, Slaughter Steers uneven, average Choice to Prime steady to 25 lower, Standard to low-Choice steady to strong, Cows steady to 50 lower, Bulls mostly steady, although Utility and Commercial over 1500 lbs steady to 50 higher

SLAUGHTER STEERS — High-Choice and Prime 1050-1275 lbs 33 60-34 50, few 34 60-34 85, Choice 950-1450 lbs 32 00-33 75, few 33 75-34 10, high-Good and low-Choice 30 50-32 25, Good 28 50 31 50, Standard and low-Good 26 50-29 00

SLAUGHTER HEIFERS — Few Choice 750-950 lbs 29 75-32 25

COWS — Utility and high-dressing Cutter 23 25-24 85, few 25 00-25 60, Cutter 22 00-23 75, Canner and low-Cutter 20 75-22 00.

BULLS — Choice 28 75-31 00, couple 32 00-32 85, Good 27 00-28 75; Utility and Commercial 27 00-31 00, few mainly weights over 1500 lbs 31.00-32 50

VEAL CALVES — Vealers strong to 2 00 higher, least advance on Cull and Utility, Calves returned to farm 3 00-8 00 higher

VEALERS — Choice 49 00-51 00, few 51 50-52 50, Good 45 00-50 00, Standard 40 00-45 00, Utility 34 00-40 00, Cull 85-120 lbs 28 00-34 00

CALVES RETURNED TO FARM — Bulk 90-115 lbs 38 00-48 00- few 48 00-53 00

HOGS — Barrows and Gilts mostly steady.

BARROWS AND GILTS — US 1 200-240 lbs 20 35-20 60, US 1-2 200-240 lbs 19 85-20 25, US 2-3 190-245 lbs 19 35-20 00

SHEEP — Spring Lambs 2 00-3 00 lower, Ewes steady to weak

SPRING LAMBS—Choice 40-80 lbs 32 00-35 00, Good 35-80 lbs 26 00 32 00

SLAUGHTER EWES—Utility and good 5 00-10 00

Fat Hogs and Feeder Pig Sale

Saturday, May 29

HOGS 599 Barrows & Gilts Steady to weak US No 1-2 210-235 lbs 19 75-20 10 US No 2-3 195 245 lbs 19 10 19 60 US No 2 4 245-275 lbs 18 00-18 75

Sows US No 1-3 300-545 lbs 12 75-14 00

Boars 170-215 lbs 14 00-15 25 325 560 lbs 12 50-14 25

New Holland Auction

Thursday, June 3

	Cattle	Calves	Sheep
Today	1423	390	33
Last week	1323	330	13
Last year	1008	341	18

CATTLE — Compared to last Thursday, Slaughter Steers uneven, Choice and Prime weak to mostly 50 lower, Standard and Good steady to strong; Cows strong to mostly 50 higher; Bulls weak to 25 lower.

SLAUGHTER STEERS — High-Choice and Prime 1100-1225 lbs 33 00-33 85, Choice 950-1325 lbs 31 50-33 35; high-Good and low-Choice 30 50-32.10; Good 28 50-31 50, Standard and low-Good 26 50-28 75

COWS — Utility and high-dressing Cutter 23.75-25.50, several 25 50-25-75, few 26 00-26.50; Cutter 22 75-24 50; Canner and low-Cutter 20 50-23 00.

BULLS — Choice 29 00-30 75, several 31 00-32 10; Good 27.25-29 00, Utility and Commercial 27 25-31 00, several 31.00-32.00, eight head 32 10-33.00.

VEAL CALVES — Vealers weak to 1 00 lower, instances 2 00 lower on Choice.

VEALERS — Choice 47.00-50 00; Good 44 00-48.00; Standard 39 00-44 00, Utility 32.00-40.00.

CALVES RETURNED TO FARM — Bulk 90-120 lbs. 40.00-48 00

SHEEP—Spring Lambs steady to 1 00 higher

SPRING LAMBS — Choice 50-70 lbs 33 50 37 00; Good 32.00-33 50

Monday, May 31

Hog Receipts 680 — Retail 20 25 21 75, Wholesale 2s, 3s, 4s 19 75-20 25, Heavyweights 18.25-19 75, Sows 10 14; Boars 12-14.

Monday, May 31

Calf Receipts 72 — Choice and Prime 48-53, Standard 31-38 50, Good and Low Choice 39-47 50, Common 25-30.50.

Monday, May 31

Fifteen loads of hay and straw sold as follows: Alfalfa 41-52, Mixed 30-40; Straw 32-41.

Green Dragon Hay Market

No report this week due to Holiday

Hay Prices

For Southeastern and South Central Pennsylvania

Monday, May 31

Hay report not published this week due to holiday.

Reported by Bureau of Markets Pa. Dept. of Agriculture.

Green Dragon

Livestock Sales
Ephrata, R. D. 3, Pa.

Walter Risser, Manager
Phone: (717) 733-2334

Every FRIDAY

- Dairy Cows 12 30 P M
- Hay & Straw Auction 1 00 P M
- Beef Cattle & Veal Calves 11 00 A M

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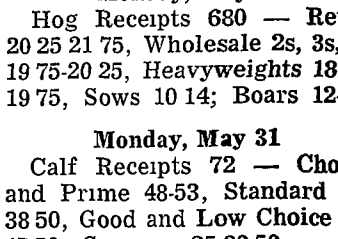

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Omaha Cattle

Thursday, June 3

Compared last weeks close closing prices slaughter steers fully steady, instances 25c higher than late prev ous week Heifers strong to 25c higher Cows mostly 50c lower Bulls fully steady Feeders fully steady

Three day receipts 17,500 as compared 24,400 previous four days and 21,700 year ago Slaughter steers approximately 47 percent, Heifers 33 percent with fairly liberal percentage choice and moderate volume High-Choice and Prime Cows 10 percent and feeders 6 percent Fed cattle trade followed stable course following long Memorial Day weekend, and moderate marketings able to offset the bearish effects of a dull, downtrending carcass trade Buying interests forced into a position of caution at midweek as they sought to maintain a reasonable ratio between live prices and lowered carcass realizations Demand generally limited to numbers necessary to meet minimum requirements

Average cost slaughter steers for two days 32 43 average weight 1135 lbs as compared 32 30 and 1131 lbs previous week and 29 51 and 1149 lbs year ago

Market Steers

Steers — Nine loads High Choice and Prime, U S 3-4, 1120-1307 pounds, 33 85-34 00, 30 loads 1057-1320 pounds, 33 35-33 75; U S. 4, 1300-1325 pounds, 33 25; Choice, U S 2-4, 975-1300 pounds, 32 00-33 25, Mixed Good and Choice, 950-1250 pounds, 31 50-32 25, Good, 27 50-31 50, Standard and Low-Good, 37 50-31 50

Heifers — Six loads High-Choice and Prime, U S 3-4, 962-1040 pounds, 33 50, 28 loads U S 2-4, 925-1087 pounds, 33 25-33 40; Choice, U S 2-4, 850-1050 pounds, 31 75-33 00; Mixed Good and Choice, 800-1000 pounds, 31 00-32 00; Good, 27 00-31 00, Standard and Low-Good, 25 50 27 00

Cows — Utility and Commercial, 21 00-22 00, Canner and Cutter, 17 50-21 00, Mixed Cutter and Low-Utility, 21 25-21 50

Bulls — Utility, Commercial and Good, 26 00-28 00, Commercial, 28 25-29 00, Cutter and Low-Utility, 24 00-26 00.

Feeder Steers

Steers — Choice, 650-720 pounds, 33 00-34 00, 812-848 pounds, 32 00, High-Good and Choice, 900-1106 pounds, 30 50-31 75

Heifers — Choice, 428-492 pounds, 32 25-33 50, 518-739 pounds, 31 50-32 50.

Outshipments approximately 1,000 head as compared 1,300 previous week.

Chicago Cattle

Weekly Review

Monday - Wednesday
May 31 - June 2

Compared last Friday, slaughter steers steady, slaughter heifers steady to 25c lower, cows steady, bulls weak to 50c lower

Both slaughter steers and heifers registered minor price fluctuations in post holiday trading On Tuesday, slight upturns were registered by both classes, but these were generally offset by minor downturns Wednesday when the demand for both steers and heifers appeared curtailed

Receipts 80 percent slaughter steers, 15 percent heifers, balance mainly cows Overall finish of slaughter steers slightly more attractive than last week with 17 percent Prime and 72 percent Choice, compared with 15 percent Prime and 70 percent Choice, last week and 17 percent Prime and 72 percent Choice last year Heifer supply mainly High Good to Low Prime weighing 850-1050 lbs

SLAUGHTER STEERS — Prime 1150 1350 lbs Yield Grade 3 and 4 34 25-34 50, on Tuesday load 1250 lbs 34 60, and two loads 1250-1300 lbs 34-75, High Choice and Prime 1100 1400 lbs 33 50-34 25, Choice 950-1350 lbs Yield Grade 2 to 4 at mid-week 32 75-33 50

New Holland Dairy Cattle

Wednesday, June 2

Reported receipts of 76 head of cattle, 4 heifers 1 bull market stronger

Load Canadian purebred and grade cows, fresh, 540 750, springers, 470-810

Load Franklin County cows, fresh, 360 480, springers, 450-610

Load Canadian purebred and grade cows, fresh, 435 540, springers, 420-550

Load New York State springers, 340-460

Load New York State springers, 360-485

Locally consigned cows, 270-375

Heifers, 270-460

Bulls, 245

Green Dragon Dairy Cattle

Friday, May 28

The Green Dragon market reported receipts of 160 head of cattle, prices stronger

Consignments included

Load Canadian Purebreds and Grades, fresh 455 610, springers, 425-535

Load Canadian cows, mostly springers, 365 550

Load Butler County cows and first calf heifers, fresh, 410 555, springers, 335-450, first calf springing heifers 380 417

Mixed load Butler County and Canadian cows and heifers, fresh, 425-495, springers, 450 465

Load Butler County first calf springing heifers, 295 345

Herd New York State cows, mostly milkers, 240 365

Local heifers, springers, 285-325, one fresh, 365

Local cows, fresh, 335 450 springers, 350 480

Beef Cows

Market active prices 50 to 75 lower, due to Holiday weekend

Holstein stock bulls 25 00 28-00, Beef type bulls 27 00-29 00, Steers, 27 00 31 00

Lancaster Feeder Auction

Friday, May 28

Feeder cattle and calf receipts were 723 head at the fourth spring sale at Lancaster Stock Yards, compared with 907 head two weeks ago prices on all classes of feeder cattle and calves at the final spring sale were 25 cents to $1 lower than the May 14 auction bulls were steady with better feeder bulls scaling 700-1000 pounds scarce, not enough heifers offered for market test, attendance fair, trading forced.

Steers

Choice 500-600 pounds, 33 25-34 00 600 700 pounds, 33 00-34-00 700-800 pounds, 31 25-32 35, 900-1000 pounds, 31 25 32 25; lot 1020 pounds 32 00

Good and Choice 500 600 pounds 33 75 35 50, 600 - 700 pounds, 32 50 34 00, 700 - 800 pounds, 31 60 32 00, 800 900 pounds, 30 50 31 50 lot 900-1000 pounds, 31 35, lot 1000 pounds, 29 50

Good 500 600 pounds 32 00-34 25 600-700 pounds, 31 10-32-50 lot 700 800 pounds, 30 50, 800-900 pounds, 30 00-31 25, lot 1012 pounds, 29 75

Medium and Good lot 494 pounds, 33 10, lot 400 600 pounds, 33 10, 600 700 pounds, 29 50-31 10

Medium 400-500 pounds, 31-75 32 25, 500 600 pounds, few 29 00-30 75, 600-700 pounds, 29-25-31 50, 700-800 pounds, 29 00-31 25, 900-1000 pounds, 28 00-29 25, 1000 1080 pounds, 27 00-29 25

Common and Plain 500-600 pounds, 28 50-28 75, 600-700 pounds, 27 00 27 75, 700-800 pounds, 26 00-28 50, 800-900 pounds, 25 25-28 00, 900-1000 pounds, 26 00 28 50

Holstein lot 517 pounds, 29-75, lot 665 pounds, 24 00 lot 755 pounds, 27 10, 900-1000 pounds, 25 75-27 85, lot 1087 pounds, 26 25

Bulls

Good and Choice 300 500 pounds, 32 50 500 600 pounds, 28 00-32 25, 600-700 pounds, 28-00 31 25, lot 800-900 pounds, 29-50

Plain and Medium. 500 600 pounds, 23 00-27 00, 600-700 pounds, 25 50-27 00, 700-800 pounds, 24 75-27 60, 800-900 pounds, 24 25-26 50, 900 1000 pounds, 25 50 26 75

Holstein 500 600 pounds, 25-50 26 00, lot 600-700 pounds, 26-50, lot 700 800 pounds, 27 50.

Heifers

Choice 430 520 pounds 28 00-30 75

U.S. Inspected Livestock Slaughter

For week ending Thursday, June 3

	Cattle	Hogs	Sheep
Week to date	382,000	1,036,000	117,000
Same period last week	487,000	1,300,000	145,000
Same period last year	460,000	1,042,000	153,000

Estimated daily livestock slaughter under Federal Inspection.

FUTURES TRADING

(Closing bids as of Thursday, June 3)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
June	33.00	20.05		27.05
July		22.30		30.60
August	31.37	22.72		
September				38.70
October	30.50	22.30		
November			2.75	38.80
December	30.30	23.32		
February '72	30.90	24.05		
March			3.00	
April	31.00	23.05	3.20	
May			3.71	

Trend — Cattle are lower, Hogs are lower, Potatoes are steady and Eggs are steady

a-asked b-bid n nominal

Markets provided by Commodity Dept., Reynolds & Company

DRIVE-THRU GATES

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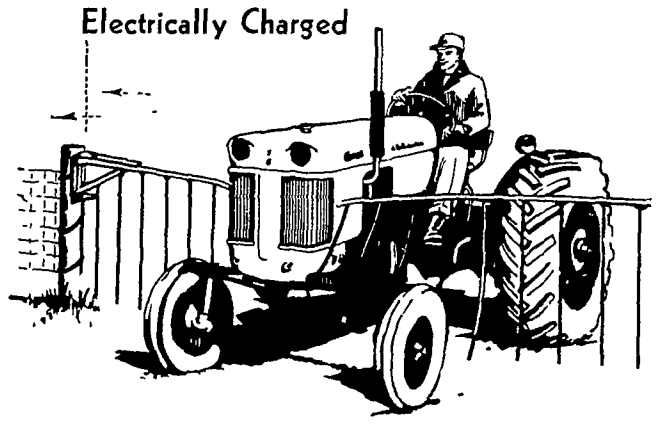

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12-ft. gate	$24.95	16-ft gate	$39.95
14-ft. gate	29 95	20-ft gate	49 95

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Poultry Market Reports

Fogelsville

June 1, 1971

(Prices paid dock weights, cents per pound, except where noted)

HENS, Heavy type 11 29 mostly 16 22; PULLETS 26½-34 M 30 34 ROASTERS 25 37 M 28-32, TURKEYS, toms 30½-32; TURKEYS, hens 22-34½, RABBITS 12 89½ M 45 71, PIGEONS (Per Pair) 1 20-4 70 Total Coops Sold 248.

Delmarva

Wednesday, June 2

Ready-to-cook movement fair though less aggressive than desired for ready clearance as occasional fill in loads reported sold at 29 cents Slaughter schedules continue heavy in most quarters Less than truck-lot prices ranged unchanged to ½ cent lower on both Plant and U S Grade A Advance interest fair with occasional negotiation noted at 29 cents Live supplies fully adeqquate though weights generally within desirable ranges Undertone unsettled. Pool truck-lot prices for Thursday arrival in the New York Area

U S Grade A 30½-32½ mostly 31 31½

Plant Grade 29½-31 mostly 30½

Special packs including 1¾-2, 3½ pound sizes TFEWR

Oklahoma City

Thursday June 3

Estimated receipts	8 300
Same day last week	16,865
Same day last year	6,977

Active, feeder cattle and calves 50c to 1 00 higher compared to last week with calves and thin fleshed offerings at the full advance Salable receipts sharply curtailed due to general showers over the marketing area Majority receipts Good and Choice 450 800 lb offerings with very few calves under 450 lb sold early Large attendance buyers

Sales As Of 1 P.M.

FEEDER STEERS — Choice, few Prime 400 500 lb 37 25 39 75, Load 396 lb at 44 05 500-650 lb 33 25 36 25 part load 525 lb at 37 70, 650 750 lb 32 00 33-50, 750-1018 lb 31 25 32 60 Good and Choice 400 500 lb 35-00-36 75 500 650 lb 32 00 33 50 650-750 lb 31 00 32 50 750 800 lb 30 00 31 25 Good 500 650 lb 30 75-32 00 650 750 lb 29 50 31-25 Standard and Low Good 500 760 lb 26 50 30 00 770 805 lb 26 25-26 45

FEEDER HEIFERS—Choice 400-450 lb 33 25 35 10 part load 459 lb at 38 80 and short load 373 lb at 39 05 450 750 lb 29-00-33 25, small lot 462 lb at 33-90, Few Good and Choice 350-500 lb 32 50 33 00 475 750 lb 28 00-30 25 Few Good 500 650 lb 27 00 28 00

Weekly New York Egg Mkt

From Tuesday, June 1st to Friday, June 4th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large		33	33	33	33
Large		28	28	28	28
Mediums		23	23	23	23
Pullets		20	20	19	18
Peewees		15	15	14	13
BROWN					
Fcy Large	32	32	32	32	
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standard	25	25	25	25	
Checks	18	18	18	18	

Tone — Jumbos and Extra Large short of demand, Large steadier, Mediums about in balance, Smaller Sizes still in surplus

New York Eggs

Wednesday, June 2

Prices are generally unchanged Undertone continues weak and unsettled Despite current low price levels, dealers were being forced to extend price protection and/or other incentives in effort to maintain movement Demand generally quiet with a wait and see attitude prevailing this morning Trading stocks of jumbos light, extra large irregularly distributed with street sales noted at 30 31½ cents Large and mediums burdensome Smalls accumulating in all quarters and offerings at 16-18 cents are failing to attract interest Peewees, offered at 12 cents, not moving Carton orders slow to fair despite increasing retail promotional activity In instances, large being featured at 39 cents a dozen Restaurant and institutional sales also slow.

Eastern Pa. and N. J.

Wednesday, June 2

Prices of light type hens unchanged from last week Offerings adequate for an only fair demand as some plants continue to work part-time. Demand for heavy type hens moderate, offerings adequate

Prices paid at farm Light type hens 4¼-6½ mostly 6¼-6½ in Pennsylvania mostly 5½-6 in New Jersey Heavy type hens too few to report prices

Mobile School Lunches

Newly-designed, self-contained portable units for feeding meals within school classrooms have eliminated need for cafeterias.

The units are the product of the National School Lunch Company in Virginia

Each unit contains meals for 144 children, two employees can handle 10 units and the average meal complying with Type A requirements set by the Department of Agriculture, can be served at a cost of approximately 57 cents as compared to the 60 or 70 cents cost for present school lunches

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26 dtrs., 9 herds	18875	3.4	635	21 clsfd. dtrs. avg. 83 0	
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Peach Bottom, R D 1 Pa 17563

This was the peaceful scene at the Roy Book farm during the early afternoon recently. While Book stresses a uniform year-round indoor feeding program, he thinks the animals need some pasture mainly for the exercise value.

Book Herd

(Continued from Page 1)

new stock into the farm, but has grown all his own replacement animals

Book is 38 years old and he recalls that his grandfather started operating at the present farm when his father, Harold, was one year old The Books were one of the first local farms to start a testing program about 25 or 30 years ago. Because of the long record of producing their own animals, Book can show prospective buyers individual animal family records which date back many, many years

The 1970 herd DHIA record was 14 542 pounds of milk and 569 pounds of butterfat for a 3 9 per cent test on 49 1 cows.

He has one full time hired man, James Charles, who lives in the trailer on the farm. Charles has worked there a year and a half

Mrs Book keeps the farm records The three children have assigned chores They are: Donna, 16, Bill, 14, and Bob, 8.

Book actually rents the home farm from his father, owns a second jointly with his father, and rents a third He has been operating the farm for eight years

The total of 150 acres is used this year as follows· 55 in corn, 55 in reed canary grass and alfalfa. 25 in barley and the balance in pasture He sells some surplus corn and hay.

He has a tie stall operation and plans to keep it With this type of operation, he notes, he can give cows more individual attention He says this helps keep cows in production longer, resulting in better production and less turn-over of animals.

He notes that these advantages of a tie stall operation are offset by higher labor costs and says he wouldn't have this system if he had a strictly commercial herd

Book still has pail type milkers and a 300 pound mobile unit The only major change he's considering in the future is a pipeline milking system

While he doesn't plan to expand the size of his operation now, he doesn't rule this out in the future.

He feeds his animals 35 pounds of corn silage, 15 pounds of hay, and up to 40 pounds of 16 per cent protein grain mixture which includes corn chop. barley and 40 per cent concentrate He feeds the same ration year round

He considers his pasture, except in the spring, as primarily an exercise lot

He notes he is using sod waterways and cropland terraces.

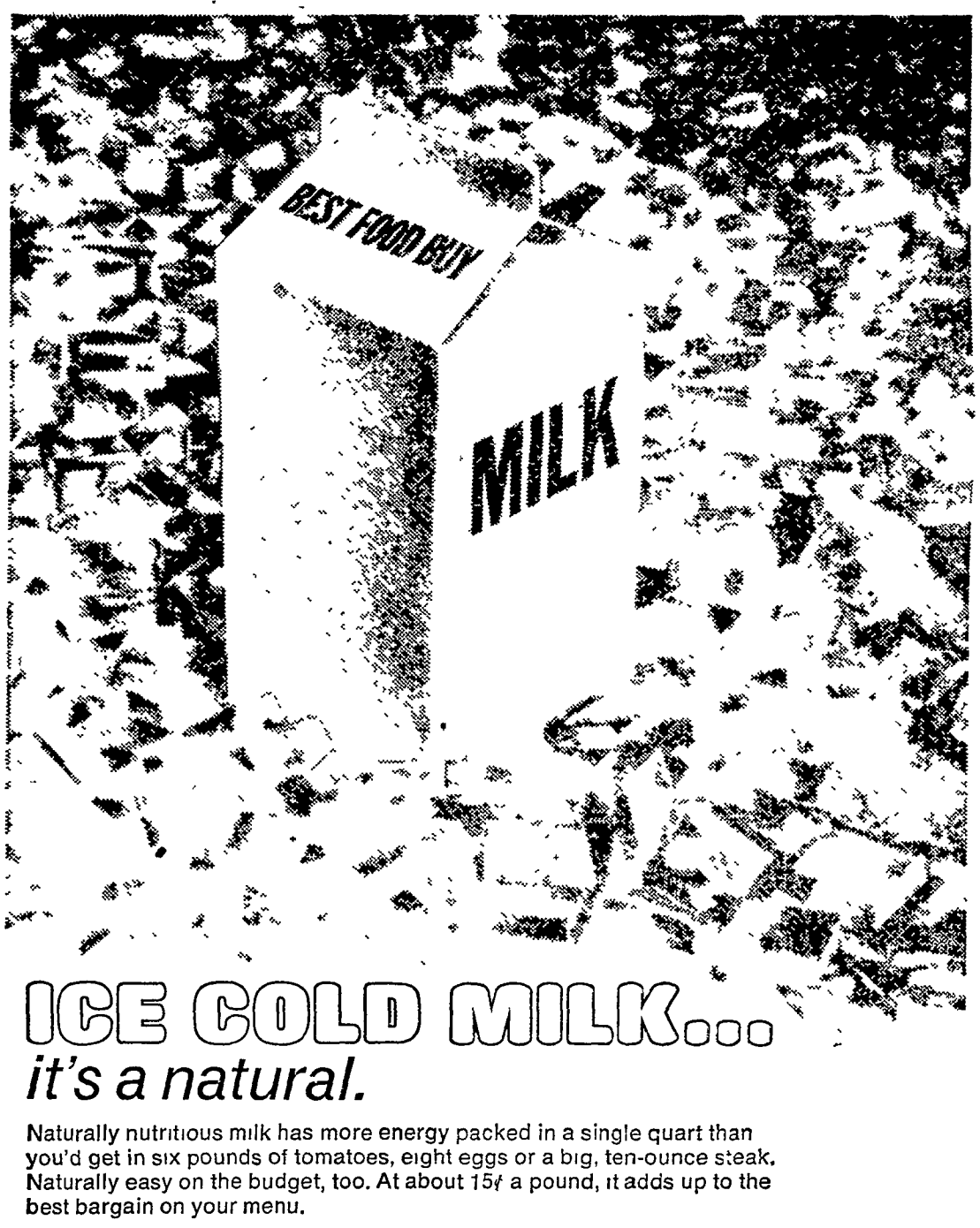
He plans to do additional conservation work in the future.

Located within shouting distance of the Route 30 tourist area, Book is naturally aware of problems and pressures that stem from tourism and commercial development One of the pressures is the pressure to sell land for development

While some farmers attempt to scare the developers away by quoting big prices, Book advises against this, noting that sometimes the developers are willing to pay. A flat "no" is best, he believes.

Book has taken some advantage of his good location by retailing the eggs from his 300 laying hens Many persons stop by to pick up the eggs He's thinking of possibly adding a few more birds on one floor of his henhouse

But primarily the Book operation centers around a sturdy, long-lived line of Holsteins which has been developed carefully through many generations of breeding.



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Hackman Named to Post With Conservation District

Henry H Hackman, Manheim RD2, has been named executive assistant of the Lancaster County Soil and Water Conservation District, effective July 1

The part-time position is the district's first paid job

Retiring this year as head of the Donegal High School science department, Hackman will work with farmers and builders to help control soil erosion and encourage good land use practices He will promote the causes of conservation before clubs and classroom gatherings and assist in establishing outdoor education laboratories

Hackman operates his own 100 acre farm A past president of the Pennsylvania Association of Soil and Water Conservation District Directors, he has been a Lancaster County district director since 1953

Henry H. Hackman
New Conservation Post

Wheat Deadline Set

Monday is the last day to certify the 1971 wheat and set-aside acreage, notes Miss Dorothy Neer, ASCS executive director

As of noon Thursday, 470 of 693 farms to sign up for the program have been certified

State Holstein Assn. Membership Climbs

The Pennsylvania Holstein Association reports that membership is up in 1971 Lancaster County leads all counties with more than twice as many members as the second county

Lancaster County has 579 members as of May 29. up from 518 at a similar point in 1970

Total membership of the state organization is 4 866 members, up from 4,605 in 1970 Some 33 local clubs have passed their 1970 membership according to William C. Nichol, state secretary

Franklin County is the second leading county with 287 members and Berks is next with 260.

Other nearby counties and their memberships include Lebanon, 145, Chester, 132, York, 121, and Dauphin, 74

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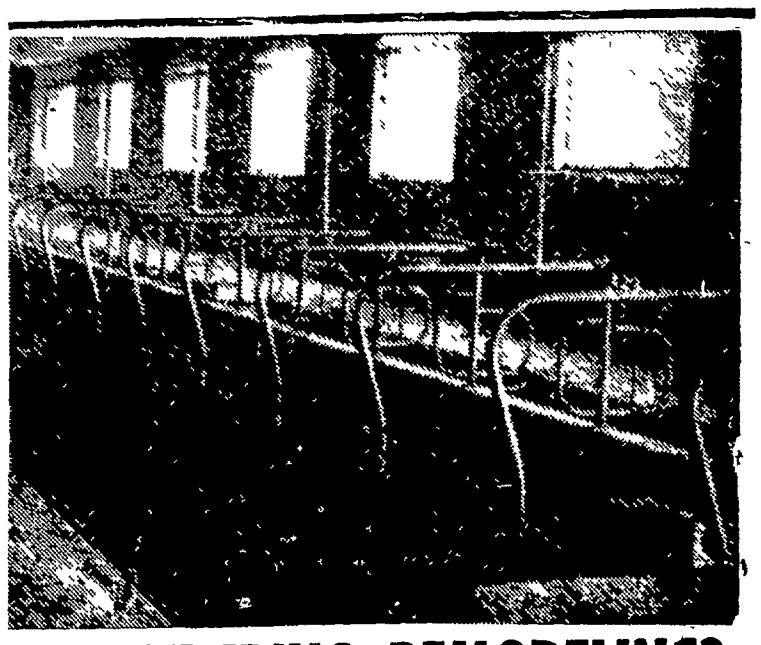

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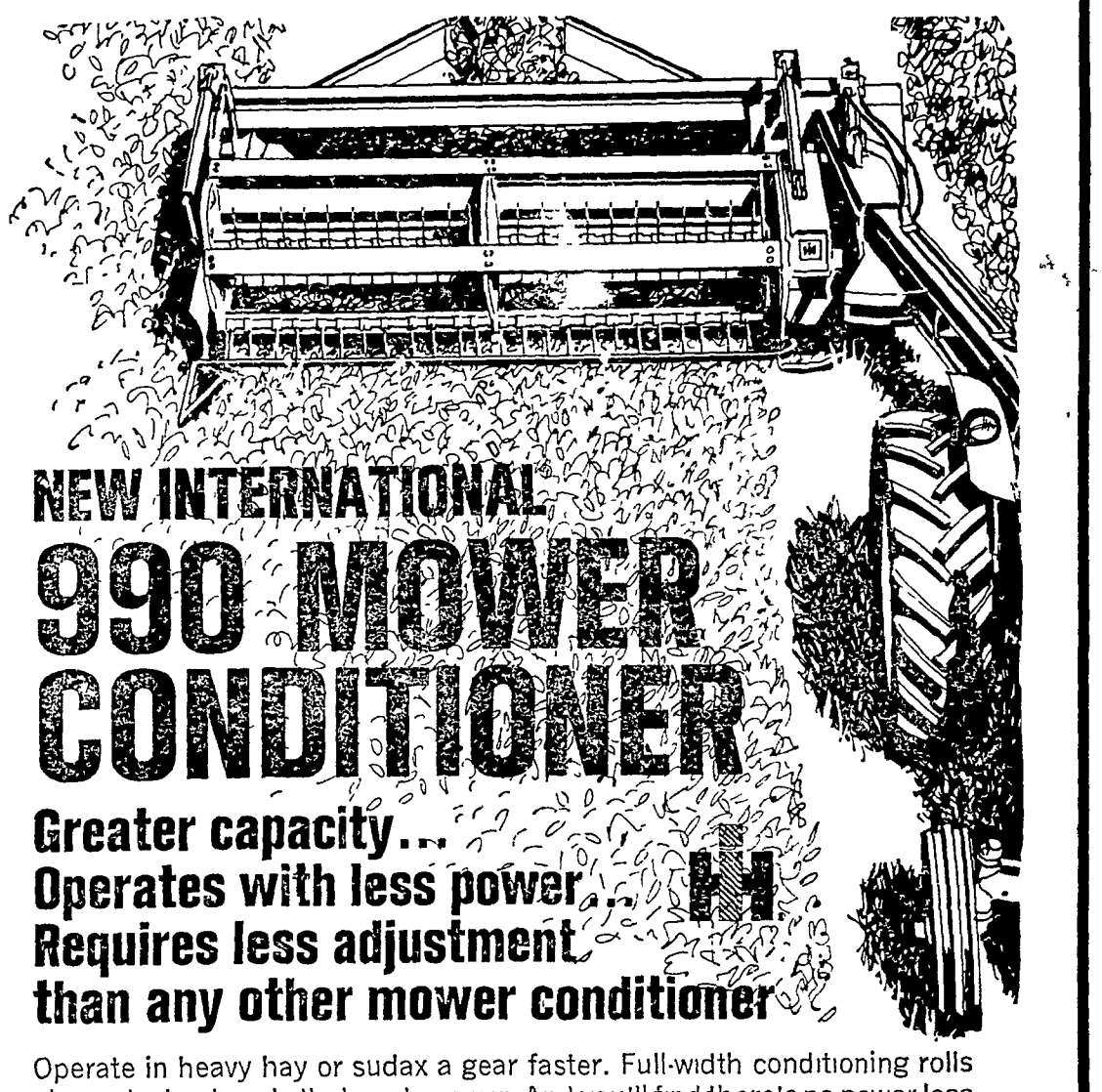

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Brownstown Girl Wins Registered Ayrshire Heifer

A Brownstown Elementary school student has received a registered Ayrshire heifer calf for placing first among 600 Lancaster County sixth grade elementary students in a dairy judging contest

She is Jennie Horning, daughter of Mr and Mrs Sylvan Horning, Ephrata RD2

The two and one half month old registered Ayrshire calf is from the farm of John B Ranck Jr , Penn Spring Farm, New Holland RD2

The outstanding calf was sired by Oakridge Royal Count, a proven sire out of Wheel of Fortune, and the dam is Silk Purse S Girl, which milked over 13,000 pounds during her last lactation.

The second place winner, Elvin Kurtz, son of Mr and Mrs J Edward Kurtz, Elverson RD2, received a $25 savings bond

The winners were selected from competition in Hoard's annual dairy judging contest

Top placings in the contest among 600 local students in the elementary agriculture program wer: Jennie Horning, Brownstown, first, 460 points, Elvin Kurtz, Conestoga, second, 458 points; Christine Newswanger, Brownstown, third, 450, Edna Sensenig, Lincoln, fourth, 444

Alan Kofroth, Brownstown, fifth, 428; Anna Newswanger, Beartown, sixth, 426, Betty Martin, Lincoln, seventh, 424, Ernie Bryan, Terre Hill, and Leon Burkholder, Summit Valley, tie eighth, 420; Ken Allgyer, Conestoga, ninth, 418, Lorrie Connor, New Holland, tenth, 416; Warren Kilmer, Caernarvon, and 11th, 414, Karen Sensenig, Michael Good, Conestoga, tie Hinkletown, 12th, 412

Brownstown Elementary School students gather around Thursday to see Jenny Horning officially receive her registered Ayrshire heifer calf from Henry Givler, area vocational supervisor (at left). Jenny received the animal for placing first in a dairy judging contest involving 600 county sixth grade students.

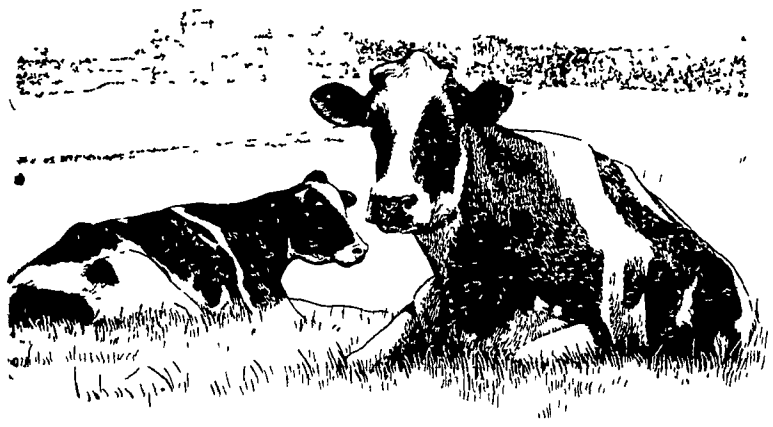
Cheese Output Is Up

Miscellaneous or foreign-type cheese production, excluding cottage and full-skim American, totaled 74,565,000 pounds in March, exceeding last year's record high by 11 per cent.

Compared with March a year earlier, output was up for all types except Brick, Muenster, Limburger and the All Other category

Total cheese production, American and miscellaneous types combined, was 198,950 000 pounds during March, a new record high for the month and six per cent above the previous record March high set last year

Take Doubt out of feeding!



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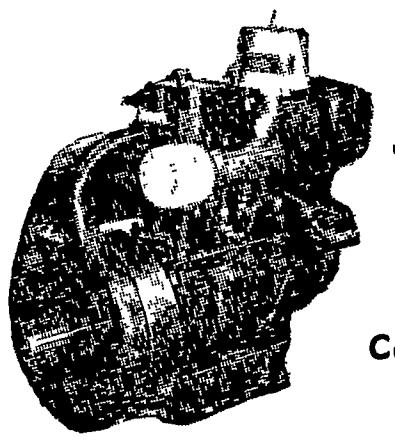

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1971 Lancaster Co. Dairy Princess

(Continued from Page 1)

Lancaster County Holstein 4-H Club and the Lancaster County school chorus She attends the East Petersburg Church of the Brethren and is active in the youth group.

Linda Martin, 17, is the daughter of Mr and Mrs Ira Martin, Holtwood RD1 She attends Solanco High School and is active in the 4-H Sewing Club She is active in the choir and youth groups at Chestnut Level Presbyterian Church

Patricia S Haverstick, 17, is the daughter of Mr and Mrs Walter Haverstick Jr, Kirkwood RD1 She attends Solanco High School where she is a member of student council and a majorette in the high school band. She is active in the New Providence Church of God youth group.

Nanette Stauffer, 18, is the daughter of Mr and Mrs Clarence Stauffer, Ephrata RD1 A 1970 graduate of Ephrata High School, she is attending Catawba College, Salisbury, N C., where she is a member of the Varsity hockey, volleyball, basketball and softball teams A member of the Lancaster County Holstein 4-H Club, she is a member of the United Methodist Church and its youth group.

Sally Hostetter, 17 daughter of Mr -and Mrs Isaac Hostetter, Kirkwood RD1, is a junior at Solanco High School She is alumni secretary and a member of the school girls basketball team Active in the Mechanic Grove Church, she is youth group secretary.

Two of the contestants, Susan Kauffman and Annette Stauffer, were contestants in last year's contest The other five are competing for the first time

Last year's winner from among eight contestants was Miss Marilyn B. Krantz, New Providence RD1, who was later named Pennsylvania Dairy Princess.

The local winner will have all her expenses paid by the Pennsylvania Dairy Federation while at the state contest in Harrisburg. She will receive prizes at the local contest, plus the opportunity to make appearances and serve the local dairy industry during her year of reign.

Ice Cream Sales Are Up

Production of ice cream during March was estimated at 64,085,000 gallons, the Crop Reporting Board reports

This is the largest output on record for March,, exceeding the previous record high of 63,900,000 gallons produced during March 1970

Ice milk production was set at 20 675 000 gallons, also a new record high for the month and up two per cent from the previous record high in March 1970

Sherbet production, estimated at 4,170 000 gallons, set a new record high for March, up two per cent from last year

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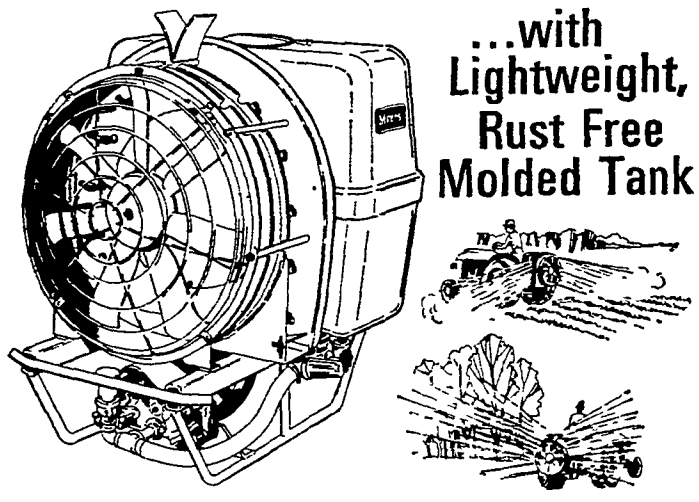

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15H62 Apollo—VG & GM	1,326	+915	+38	+$55
26H77 Clarion—GP & PQ	182	+910	+ 6	+$29
15H114 Jack—VG & GM	698	+880	— 2	+$21
15H70 Flashy Boy—EX & PQ●	712	+803	+30	(?)
26H81 Medalist—VG & PQ	139	+712	+ 7	+$24
15H141 Pioneer—EX & PQ	20	+707	+10	+$27
15H87 Jerry—EX & PQ	2,730	+697	+ 1	+$19
15H100 Mookown—VG & PQ	419	+644	+ 7	+$23
15H135 Idol—EX & GM	20	+553	+23	+$33
15H121 Bonus—VG & GM	38	+483	+14	+$24
15H136 Triune—VG	12	+402	+14	+$22
15H144 Stylemaster—VG & GM	22	+361	+11	+$18
21G228 Distinction—GS	114	+656	+29	+$41
4G525 Prince—GS	511	+538	+32	+$41
15G104 Falcon	15	+400	+23	+$29
1G107 Jupiter—GS	22	+398	+18	+$25
1J93 Baronet—GP	46	+701	+36	+$48
1J110 Kelly—VG & GM	31	+630	+24	+$36
A63 Commodore—VG	102	+506	+12	+$23
BS140 Golden—EX & Qual	13	+368	+15	+$22

● Jan /71 summary, not resum in May
* per lactation over breed average herdmates

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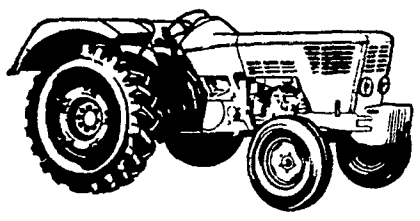

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Extension Recommendations on Using Soybeans Outlined

By Max Smith

Ground soybeans may be fed to dairy cows when it is economical to do so. They may be fed raw, if not used in a grain mixture containing urea.

Dick Adams, Penn State Extension dairy specialist, says the level of either raw or processed soybeans should be limited to 10 to 25 per cent of the grain mixture because of their high oil content. Higher levels may adversely affect rumen metabolism and utilization of fat-soluble vitamins in the dairy cow

Heat-treatment of soybeans to be fed as ground beans or so-called full-fat soybean meal may be accomplished using special "extrusion" or roasting processes and equipment Proper heat-treatment will destroy most urease activity and the trypsin inhibitor present in untreated beans

The presence of trypsin inhibitor is not detrimental to cattle or sheep. So raw soybeans may be used for these multistomached animals.

However, only beans that have been properly heat-treated should be used for single-stomached animals such as swine or poultry

If urea is to be used in a mixture containing ground soybeans, the beans should be adequately heat processed to inactivate urease This enzyme releases ammonia from urea Ammonia release in a feed may seriously reduce its intake and short-change the animals on protein equivalent

Since rancid fats and oils may adversely affect young calves, it is best not to use either raw or processed soybeans in grain mixtures for them until they are three to four months old.

In fact, it would be wise not to process grains for calves through a hammermill used to grind soybeans, unless it is thoroughly cleaned out after each grinding of beans

Proper heat-treatment of soybeans is not always easily achieved.

Under-treatment may result in beans with an excessively high level of residual urease and trypsin inhibitor.

Over-treatment may reduce availability of protein and other nutrients in the soybeans

Here's a simple test for urease activity in processed ground soybeans or soybean oil meal: Place five parts of soybean product with one part urea in a quart jar Moisten and let stand in the covered jar at room temperature for one hour If no odor of ammonia develops, the soybean product does not contain appreciable amounts of urease.

Because proper heat-treatment is so important when ground soybeans are fed to non-ruminants, hog and poultry producers should carefully check adequacy of processing before using it in feeds It's best to send samples to a laboratory that routinely checks for proper heat-treatment of soybeans.

The use of soybeans rather than soybean oil meal or other protein supplements in a dairy feed will not appreciably increase milk production or milkfat test, unless the cows were improperly fed before

Many times, the cost of grain mixtures for dairy cows can be considerably reduced without resorting to use of either raw or processed soybeans Soybeans should be used only when the cost per unit of energy in the feed can be appreciably lowered by including them in a formula

Soybeans contain 36 to 38 per cent crude protein compared to 44 to 50 per cent various grades of soybean oil meal However, the TDN or energy content of soybeans is higher than that of soybean oil meals after the oil has been extracted

Feed evaluation factors given in Pennsylvania Special Circular 118 may be used to determine the probable maximum worth of soybeans for use in feeding dairy cattle, and to ascertain whether or not they should be used in a dairy feed This circular is available from the Penn State Extension office in your county.

Careful budgeting or linear programming should be done before one decides to grow significant acresages of soybeans for sale or feeding purposes. Cropping programs should be geared toward maximizing returns for the entire farming operation.

U.S. Home Economists

Home economists in the U S. number 90,000.

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4-H Club News

Merry Maids 4-H Club

The Merry Maids of Lampeter-Strasburg 4-H Club held its reorganization meeting Monday night, May 24

The girls to serve the club for this year are as follows Joyce Groff, president; Kim Hess, secretary, Brenda Herr, treasurer, Treva Lefever, vice president. Debbie Hess, assistant secretary, Joyce Houser, assistant treasurer

Cathy Good, news reporter; Jan Hess and Melanie Werner, game leaders, and Lori Baker, song leader County Council members are Joyce Groff, Sharon Groff and Debbie Hess

The next meeting of the Merry Maids will be held on June 14 at Martin Meylin Junior High The time for the meeting is 12 30 to 3 p m

News Reporter,
Cathy Good

Horse Show Set June 6

The date has been changed for the Rough Riders 4-H Horse and Fun Show.

Originally scheduled for May 30. it has been changed to 1 p m Sunday (June 6) at the Quarryville Legion Park Grounds The change was made because of wet and unsafe ground conditions

There will be junior classes for those under 21 and open classes in English and Western competition Six ribbons will be awarded in each class Trophies will be awarded in classes 1-9 and money in classes 10-13 Show will be held rain or shine

Saddle Cinches Club

The May meeting of the Saddle Cinches 4-H Horse and Pony Club was held at the home of Mr and Mrs. Kenneth Borry and family.

The meeting was called to order by the president, Lori Zerphy, by saying the 4-H Club pledge The secretary, Bill Dougherty, called the roll and the members responded by telling something about their horse

The Elizabethtown-Donegal Community 4-H Club was guest for the evening The Community Club explained in general to our club what a 4-H Community Club is

We were very glad and honored to have Jay Irwin attend the meeting He is the Lancaster County 4-H Extension Agent

After the meeting, demonstrations were given on such topics as grooming, showmanship, saddling, bridling, how to load a horse in a horse trailer, and the leads of an English and Western horse

After the meeting refreshments were served

Some of the club's activities for the summer include a trip on July 10 to Cowtown U S A., and to Philadelphia Zoo August 4 There will be a trail ride for members only in June

The next meeting will be held at Mr and Mrs Richard McCoy's, Milton Grove

News Reporter,
Margaret Keeney

ANNOUNCING

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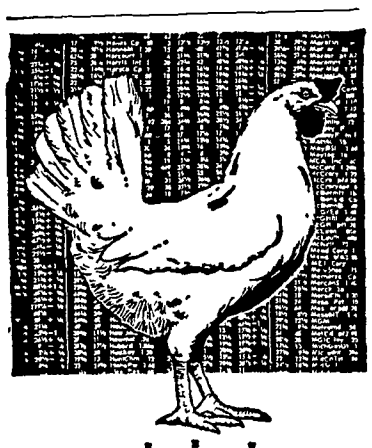

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— Double Duty Nutrients. STARTER SPECIAL has both quick-acting and long-lasting nitrogen and phosphorus for thorough plant feeding There is no urea or diammonium phosphate that might endanger the seed through liberation of free ammonia.

Of course, these features also make it highly effective as a banded starter But, with only slight adaptation of most planters, it can be applied directly with the seed in exacting measurement for safety and maximum response.

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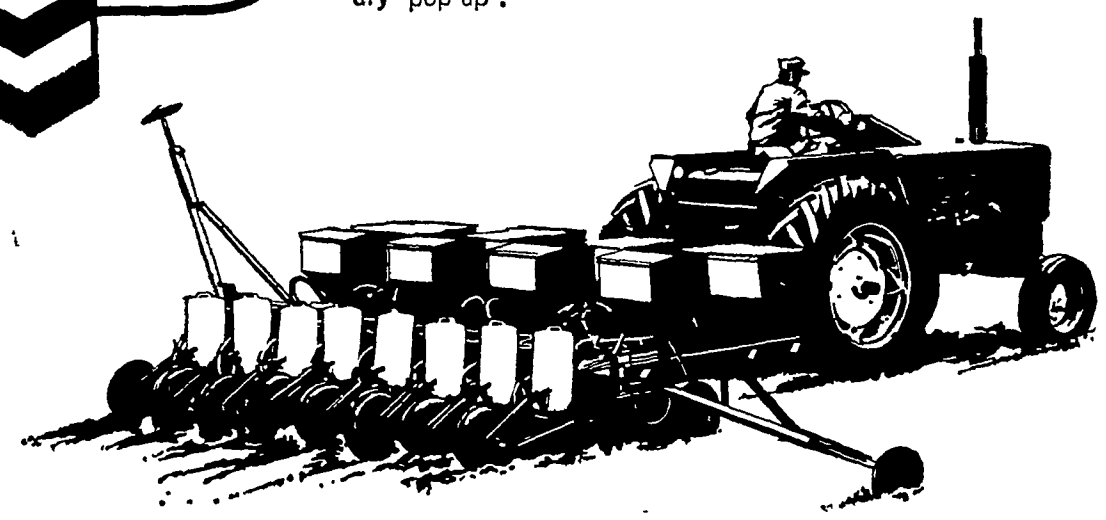
So, save time, trouble, and money at planting time. See us soon about applying STARTER SPECIAL this spring as a **dry** "pop-up".



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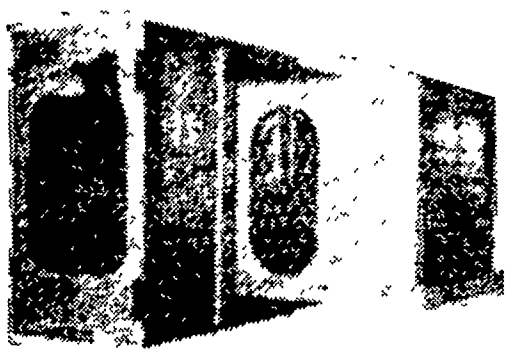

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Dairying Important 4-H Project Here

The 4-H Dairy project continues to be one of the most important club projects in Lancaster County

Current enrollment in the three 4-H Dairy Clubs include 26 members in the Ayrshire-Jersey-Brown Swiss Club 24 in the Guernsey Club, and 99 members in the Holstein Club All of these clubs meet monthly and have regular programs relating to dairying and to youth development

The project requires that each club member owns one or more dairy heifers and develops the animal into a mature cow Records are kept relating to feed, growth, production, and other important parts of the dairy business

Dairy club members have an opportunity to give demonstrations at Club meetings regarding many phases of the dairy business and are urged to learn more about dairy cattle judging

A county 4-H Dairy Judging Team is selected each year to compete in the state contest in August at Penn State The dairy animals are shown at the local dairy show the last week in July, and then some are selected for the District Show at Harrisburg, and still the best of all get to compete in the Pennsylvania Junior Dairy Show at Harrisburg as a part of the All-American Dairy Cattle Show

Dairy club activities are a part of the youth program of the local Extension Service and the County Agents have the assistance of 23 adult club leaders, who help the club members with their projects and many other activities.

Dairying is the most important agricultural enterprise in Lancaster County and the active 4-H Dairy Program has developed into one of the most important club projects

Max Smith
Lancaster Co Ag Agent

4-H Calendar

Sunday, June 6

1 p m. — Rough Riders 4-H Horse and Fun Show, Quarryville Legion park grounds, rescheduled from May 30

Thursday, June 10

Lititz-Manheim Community Club, home of Mike Peifer.

Penn Manor FFA Report

On Friday, May 28, Penn Manor High School holds its annual spring awards assembly At this assembly, Clifford Charles received a trophy from Earl Groff for being runner-up in the Weaver's Poultry Scholarship contest. This contest is open to all FFA members of Lancaster and surrounding counties, sponsored by Victor F. Weaver, Inc

Clifford Charles, a sophomore at Penn Manor, is the son of Mr and Mrs Abram Charles, Lancaster RD2

Thirty members of the Manor FFA went to Cape May, N J on Saturday to fish for sea trout and wheat fish They left at 4 30 Saturday morning and arrived at Cape May at 8 30

They wer met by rough water, but they decided to go out anyhow After being out for four hours, the members ended up with a total fish count of three, being caught by Cliff Charles, Don Thomas, and Glen Rohrer Most of the members were glad to come back to solid land and get off the ten foot waves.

Chapter Reporter,
Tim Hess

● Farm Calendar

(Continued from Page 1)

Last day to certify 1971 Wheat program

Tuesday, June 8

10 a m — Eastern Milk producers Cooperative special meeting, Hotel Syracuse, Syracuse, N Y

Wednesday, June 9

10 a m — Eastern Milk Producers Cooperative annual meeting and banquet, Hotel Syracuse, Syracuse, N Y.

Thursday, June 10

7 30 p m — Berks County Wool Pool, Reading Fair Grounds

Saturday, June 12

Lebanon Valley Poultry Association annual broiler festival, Fredericksburg.

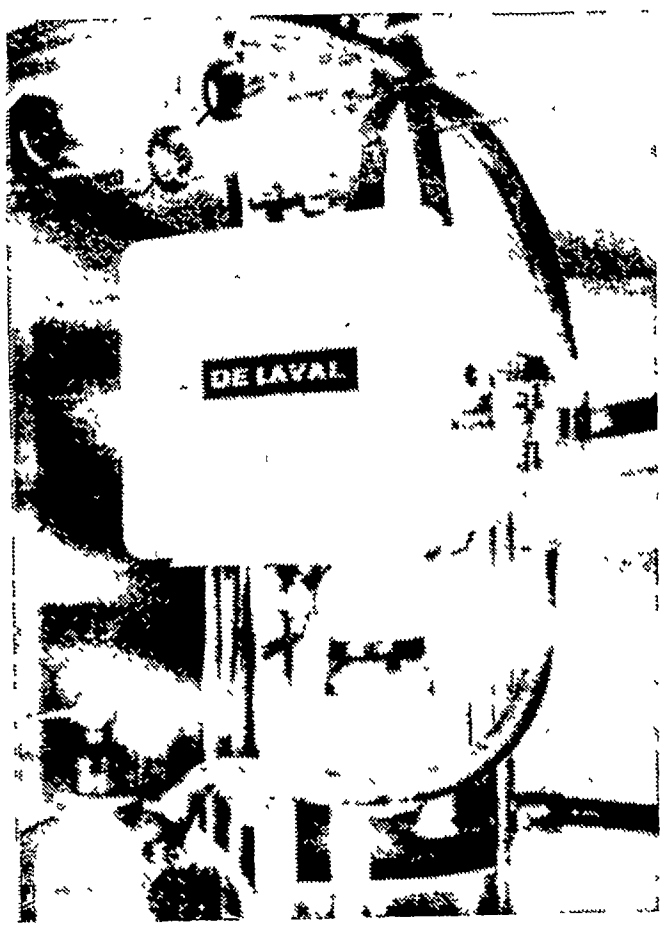
Paper Drive Scheduled

Fulton Junior Grange 343 will meet at 8 p m June 14 at Fulton Grange Hall and will conduct a paper drive.

Mrs Thomas Galbreath will serve as Matron until Mrs Jacob Fantom is able to resume her duties

Here's the first Automatic Milker!

DeLaval's Automatic Model 200



The milker controlled by the cow.

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Deere Releases Tractor Safety Patents

Deere & Company, which pioneered in the development of overturn protection on farm tractors in the mid-1960's, announced recently it has offered to make its patents available to other tractor manufacturers without charge

The firm said it was taking the step in the interest of safety of farm tractor operators and in the hope this might lead to increased usage of protective roll frames by farmers

Deere said it has written to other tractor manufacturers informing them it has granted them a "non exclusive paid up" license for the use of its roll frame patents The company previously had made available to other manufacturers much of its research data on tractor upsets and protective frames

During the 1960's, Deere & Company conducted extensive research work and field testing to develop requirements for overturn protection The development work included a large number of field tests at the John Deere research center in Waterloo, Iowa, in which tractors were purposely overturned in different ways so engineers could observe and measure what happened.

The testing resulted in the introduction of the first protective roll frames for farm tractors by John Deere in 1966. The protective frames were called "Roll-Gard" because tests showed that in most cases the frames would limit overturns to a 90-degree roll instead of the tractors turning completely over

In 1968 and 1969, the Company, in cooperation with its dealers in farming communities throughout the United States and Canada, distributed 5,000 "Roll-Gard" protective frames in connection with a special safety program that was conducted as part of its annual "Farming Frontiers" programs

With the increased use of tractor cabs in recent years, John Deere has incorporated the "Roll-Gard" protective frames in its tractor cabs to protect against crushing in the event of an upset

Tractor overturns are believed to be the leading cause of deaths and serious injuries involving farm equipment

New Two-Year-Old Record Made

A national Holstein food production record by a Lancaster County man has been displaced recently

The record is for a senior two-year old milked twice daily in the 365 day division of the DHIR program

The new record of 22 170 pounds of milk and 801 pounds of butterfat in 333 days has been reported by Valley-Nook Ann 6723616, owned by Foster W. and Frances C. England. Williamsburg.

The previous record of 21,736 pounds of milk and 801 pounds of butterfat was held by Fultonway Ivanhoe Becca 5646292, owned by J Mowery Frey & Son, Lancaster

Elsewhere, three registered Holstein bulls from Pennsylvania have been designated Good Medal Sires by the Holstein-Friesian Association of America The three are

Tidy Burke Transmitter 1466179 (VG), A Citation Soverign 1414618 (VG), both owned by Sire Power, Inc, Tunkhannock, and Fountain Farm Robin Hoe 1422697 (GP), owned by John C. Thompson and Sons, Newtown.

Cooperators Named

The following is the list of new cooperators named by the Lancaster County Soil and Water Conservation District:

John D. Milner, Little Britain Township, 86 acres; Howard M. Fricke, Fulton Township, 27 acres, Jeff McCune, Elizabeth Township, 15 acres; John H Bowman, East Donegal Township, 12 acres; Northern Lancaster County Fish and Game Association, West Cocalico Township, 154 acres; Holiday Parks, Inc, Salisbury Township, 72 acres, Jonathan H Martin, Earl Township, 60 acres, Fred Shinrock, Manheim Township, 15 acres; John W Michener, West Hempfield Township, 67 acres

Let Them Eat Cake?

A new fortified filled cake, approved by the Department of Agriculture for the school breakfast program, is convenient and contains all the required nutrients, but some nutritionists are having second thoughts about the product.

They think it encourages children to move away from eating the Basic Four foods and to rely on a concentrate.

They also think the cake will encourage children to eat more sweets and will increase the difficulty of teachers and nutritionists in training children to eat a good diet

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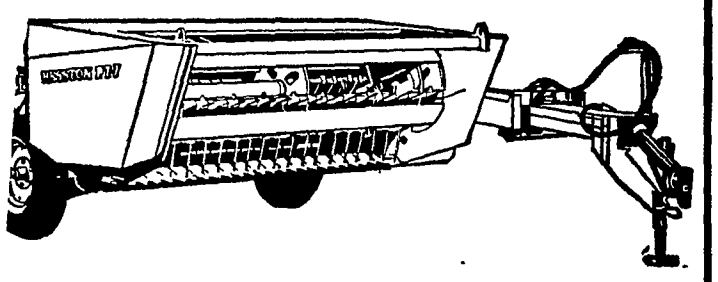

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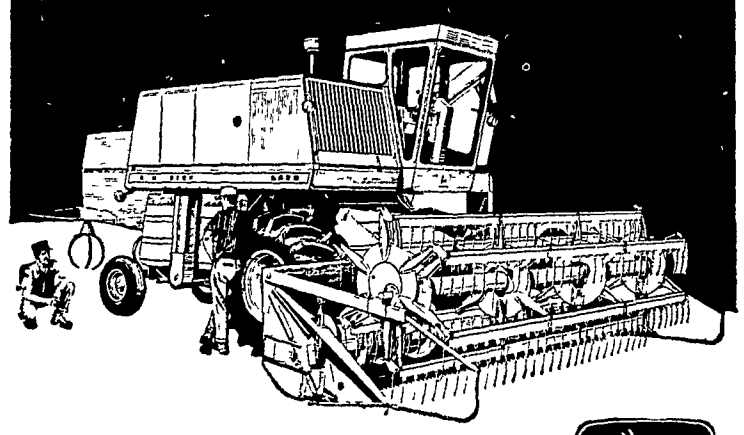

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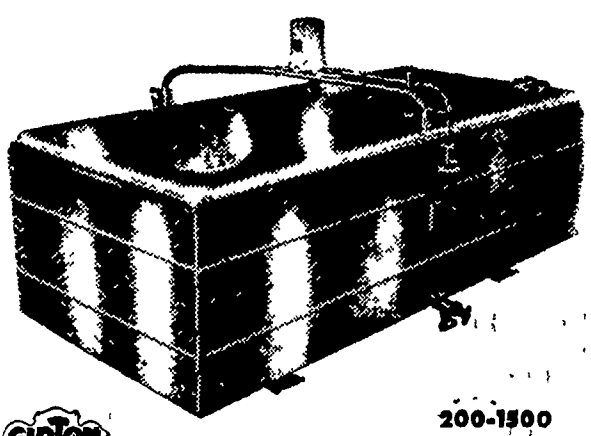

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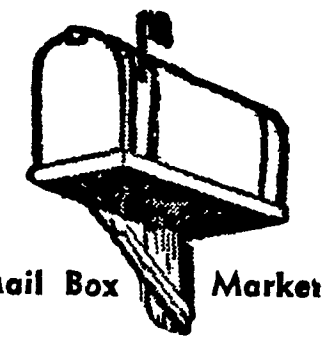
Adults Need Calcium

"Step on a crack you'll break your mother's back" is the old childhood chestnut, but lack of calcium in the diet may be the real culprit.

Ten to 12 million American women have fractures of the spine due to the disease osteoporosis. Osteoporosis occurs when the body does not receive enough calcium and starts taking it from the bones, which then begin to disintegrate.

The average adult gets only about half the calcium he needs, says Dr. Leo Lutwak of Cornell University.

This could be easily remedied if every adult would drink three glasses of milk or eat three ounces of cheese daily.



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For Sale—Eggomatic Egg Grader, grades 10 cases an hour, Rolaway nests, Big Dutchman feeders Phone 215-593-6143.

For Sale—International #2 Hay Conditioner Very good condition Phone Area Code 215-484-4769

Mail Box Market

For Sale — 350 gal bulk tank, Walker approved, good shape holds 3225 lbs Harold J Ranck, Phone 215-932-3309

For Sale 33" riding mower, Ford manure loader #701, Cultivator for A-C D-15 and B Tractor, small Perry Harrow, Farmall F-12 tractor with single front wheel Phone 733-8708

For Sale — Apollo bull calf, by Milk and Honey dam (354 days, 21 892 milk, 1,024 fat). Phone 593-5559

For Sale—Red and White Holstein bull calf, sired by Samson, by Milk and Honey dam (19,923 milk, 724 fat). Phone 442-4452.

For Sale — 1965 Ford half-ton pickup, 8 ft bed, custom cab and good condition Ph 464-2007.

For Sale — AC 45 WD tractor, snap coupler with 7 ft mounted mower, good condition. Phone 367-1861

Custom Pea Shelling, very gentle and clean Bring your peas and see for yourself. Any time except Sunday Floyd H. Ranck, R1, Box 437, Paradise, Pa 17562, Ph 717-442-4949

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For Sale — International 10 ft. self-propelled combine model 91. Phone 786-3823

For Sale — Holland mechanical transplanter, good condition. Daniel B Smucker, Gordonville RD1, near Veltenreich Church, Veltenreich.

(Continued on Page 14)

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All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper.
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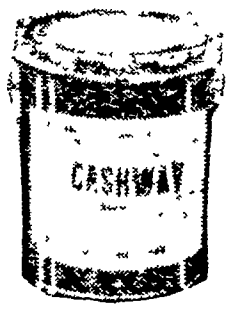

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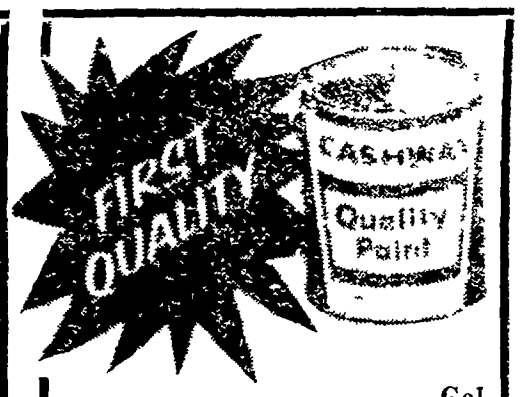

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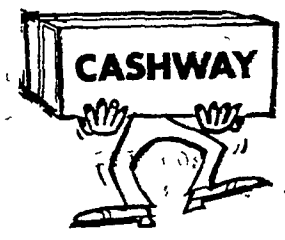

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(Continued from Page 13)

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Free h p test on our Dynamometer until June 12
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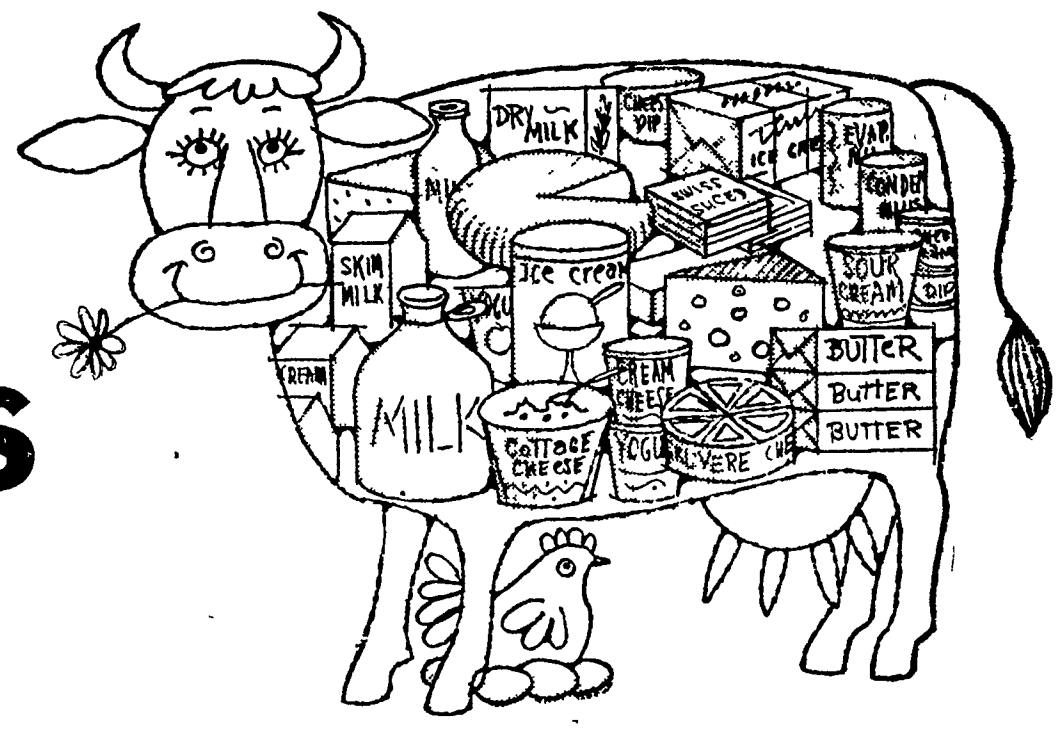
SOME THOUGHTS FOR DAIRY FARMERS!



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June is dairy month

If you are in doubt about this last item, talk to our Nutrition Department or our Dairy Specialist.

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Witmers Are Well Known for Their Outstanding Guernseys

By Mrs. Charles G. McSparran
Farm Feature Writer

Lancaster County can boast not only some of the richest farm land in the state, but also some of the finest, well-kept farm buildings to house some of the very best dairy herds in the world

A man and his wife who were born and raised on a farm and have made a success of dairying are Raymond F and Louise A. Witmer.

They live on a 125 acre farm they named Penn Del which is located along Route 222, just north of Refton.

Raymond's father, Clair H Witmer, came to this farm 73 years ago and developed a fine Guernsey herd Raymond was born on this farm and lived there all his life His parents are now retired and live in Strasburg

His brother Paul lives on a nearby farm and has a Guernsey herd. Another brother, J Rohrer, has Guernseys but has added a number of Brown Swiss to his herd

This is a fertile farm with the Little Beaver Creek flowing down through it and joining the Pequea Creek there on their farm. Thus, dry seasons pose no real threat to their crops and meadows because they have an adequate irrigation system to tide them over.

Witmers are well known among Lancaster County dairymen, particularly among Guernsey breeders, because down through the years they have set some fine production records for their herd and some excellent records for individual cows Raymond says, "Our job is to improve the breed, we're trying to develop a better cow."

Louise and Raymond were married 20 years ago and took over the farm that year Louise has been a real partner in developing their fine Guernsey herd She feeds the calves and heifers and helps with milking and other barn work She names the animals, takes care of their registration, including drawing their markings on the registration papers, and helps to keep the farm records She has also taken prizes judging animals in the women's contest at the Lancaster County Guernsey Breeders Field Day She attends the county, state and national events with her husband and helps to buy animals when they want to add another line of high producers

Louise was a daughter of the late Peter and Elizabeth Zeitler who retired and resided at Refton Their history is one of fortitude and zealous ambition After losing everything in World War I in Germany, Mr Zeitler came to America His wife joined him in this country a little later. He farmed largely cotton for one year in the state of Texas

They moved to a farm near Ashland, Wis., where Louise was born They lived there three years They moved from there to a farm between Doylestown and Perkasie in Pennsylvania and lived there a couple years At one time their home burned and they lost everything

In the thirties they bought a farm near Elkton, Md, which had over 200 acres They had about 50 Guernsey cows there and a total of about 100 head of cattle altogether They farmed there about 12 years, until World War II broke out and their land was needed to store ammunition which was produced nearby. They then bought two other farms with a total of over 600 acres of land.

Later they sold this and bought a 710 acre farm near Glasgow, Del, bought the dairy herd and everything. On this farm they had Guernseys and Jerseys They left there in 1951 and retired at Refton.

Louise helped her parents feed the calves and heifers and helped with the milking and barn work She took care of registering the cattle, as she still does.

Uniting this Pennsylvania

(Continued on Page 23)

Mrs. Raymond F. Witmer shows "Naeflands Kelly" which they bought at Bob Neff's dispersal sale near State College, Pa. Her best 365 days records, when she was 7 years and 3 months was 16,483 pounds of milk and 862 pounds butterfat. She was born August 1961 and is still in the herd doing very well. Witmers are using her son, "Penn Del Prince Charming," in their own herd and his daughters are starting in production.

Dairy Recipes This Week; Cherries Asked June 19

Our recipes column this week, in keeping with our dairy issue, features recipes using dairy products.

The recipes include puddings, custards, ice cream and pies. We also received a reply to a request previously made in this column.

But before we get into these recipes, we want to make an appeal for recipes for our June 19 issue. Our column at this time will feature cherries

Cherry season is fast approaching and we're sure that our readers will be looking for some new and tasty ways to prepare this early summer fruit

Send your favorite cherry recipe right away to the following address Lancaster Farming Recipes, P O Box 266, Lititz, Pa 17443 We are continuing to send potholders, marked with the Lancaster Farming emblm, one per household limit, to everyone who sends a recipe.

* * *

Back to our dairy recipes, we received a reply to a request for a recipe on how to make cottage cheese that can be sliced The request previously appeared in our May 22 issue and was from R G Kamoda, Monongahela, Pa

An answer from Miss Helen H Keller, 48 E Main St, Lititz, including the following, "I have a recipe for something called Sweet Curd I thought it might be what they had reference too" The Sweet Curd recipe is as follows

Sweet Curd

2 quarts sweet milk
1 pint buttermilk
3 eggs

eggs, add to buttermilk and stir

Heat milk until it boils Beat

(Continued on Page 22)

Lancaster Farming
Second Section

More Cows, Faster Milking, Pooling Equipment, Changes, Care With Layout

Pondbank Farm Expands, Changes to Remain Efficient

This is the view of Pondbank Farm from the rear looking toward Beaver Valley Pike. At the left is the new addition to the dairy barn and the farmstead is at far right.

Local dairymen, according to most available figures, have an average herd size of about 40 milking animals The number is rising gradually

But some dairy educators have been saying that during the 1970's the number of dairy farms nationally will be cut in half and the number of animals on the remaining farms will rise sharply.

One local dairyman who has already expanded his herd is John M Harnish He operates Pondbank Farm at 1036 Beaver Valley Pike south of Lancaster.

The Harnish farm includes about 96 milking registered Holsteins He recently expanded his barn and is gradually working toward 120 milking cows

With this many animals, speed and efficiency of operation become extremely important.

When he remodeled, Harnish had a pipeline milker installed, enabling three persons to use six

(Continued on Page 25)

Farm Women Societies

Society 5

Members of the Society of Farm Women 5 approved a donation to the American Cancer Society during a recent meeting of the group held at the home of Mrs Mervin Peifer, Manheim RD1

In other business, the group made plans for a food stand at the antique sale to be held June 14-15 at the Farm and Home Center They also planned a bus trip to Gunthryville on June 18

Mrs Hiram Graybill, president, conducted the business portion of the meeting Devotions were led by Mrs Mervin Peifer

Speaker for the day was Mrs Mary Myers who spoke on "Safety in the Home"

The next meeting will be held June 26 at the cottage of Mrs Martha Weidman, Mount Gretna, for a day of fun and relaxation

Society 11

Farm Women Society 11 met recently at the home of Mrs Ruth Henry Hostesses for the meeting were Mrs Henry and Mrs Mary Nolt Devotions were in charge of Mrs Nolt

Trooper Edward Rowland, Lancaster Barracks of the State Police, spoke on "How to Prevent Crime Among Women".

Plans for a picnic were finalized during the business portion of the meeting conducted by Mrs Esther Musser, president The picnic will be held at noon on June 24 at the Holtwood ball diamond

Society 12

Farm Women Society 12 recently entertained Society 20 at the Farm and Home Center

Mrs Alfred Moyer, Rohrerstown, demonstrated crewel work and talked on the history of the art

Miss Ethel Kindig was in charge of devotions and Mrs John Sangrey reported on the Spring Rally at Reading Mrs Lamar Henry, president, was in charge of the business portion of the meeting The group approved a gift of $50 for the County project fund for the Child Development Center

The next meeting will be held at 1 p m on June 19 at the home of Mrs Raymond Aston, 105 E Cottage Ave, Millersville

Society 23

Farm Women Society 23 recently held a Mother-Daughter banquet at the Bird-in-Hand Motor Inn.

Mrs Henry Heisey, Washington Boro RD1, and her Dried Apple Dolls were the featured entertainment Kathy Greider, daughter of Society 23 member Mrs Harold Greider, played several piano selections

Mrs Clayton Charles was in charge of the devotional portion of the program Forty two members and guests were present Each member told the group about something that was taught to her by her mother Mrs Charles Frey was in charge of the program

Society 23 will be guests of Society 15 at Black Rock Retreat on June 10

Mrs Robert Rohrer, president, announced that June will be vacation month for the Society

The next regular meeting of Society 23 will be at 6 p.m. July 22 at the summer home of Mr. and Mrs Charles Frey at Long Level, York County, A family picnic is planned.

Society 26

Members of Farm Women Society 26 entertained 17 youngsters at the Millersville Mennonite Children's Home. This event was held in place of a Mother-Daughter banquet.

Bruce Myers, Manheim, entertained the children with a balloon act He gave each child a balloon animal Mrs. Harry Hershey led the children in group singing Mrs. Paul Brubaker was in charge of devotions

Refreshments were served by

(Continued on Page 19)

Refreshments were served by

(Continued on Page 19)

Farm Women Calendar

Saturday, June 5

12 30 p m — Farm Women Society 10 entertain Society 18, covered dish luncheon, Farm and Home Center

2 p m — Farm Women Society 6 entertain Society 14

Tuesday, June 8

8 45 a m. — Farm Women Society 22, Dutch tour

Wednesday, June 9

1 30 p m — Farm Women Society 14 meets

Thursday, June 10

Farm Women Society 9, home of Mrs Elmer Huber, Martieville

Farm Women Society 15 entertain Society 23, Black Rock Retreat

Saturday, June 12

1 30 p m — Farm Women Society 2, home of Mrs Elsie Witmer, Manheim RD2

1 30 p m — Farm Women Society 25, Jane Shank, hostess

Farm Women Society 7, home of Mrs Raymond Eshelman

Farm Women Society 19 entertain Society 27 Farm and Home Center

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(from Chemical & Engineering News, Dec. 21, 1970)

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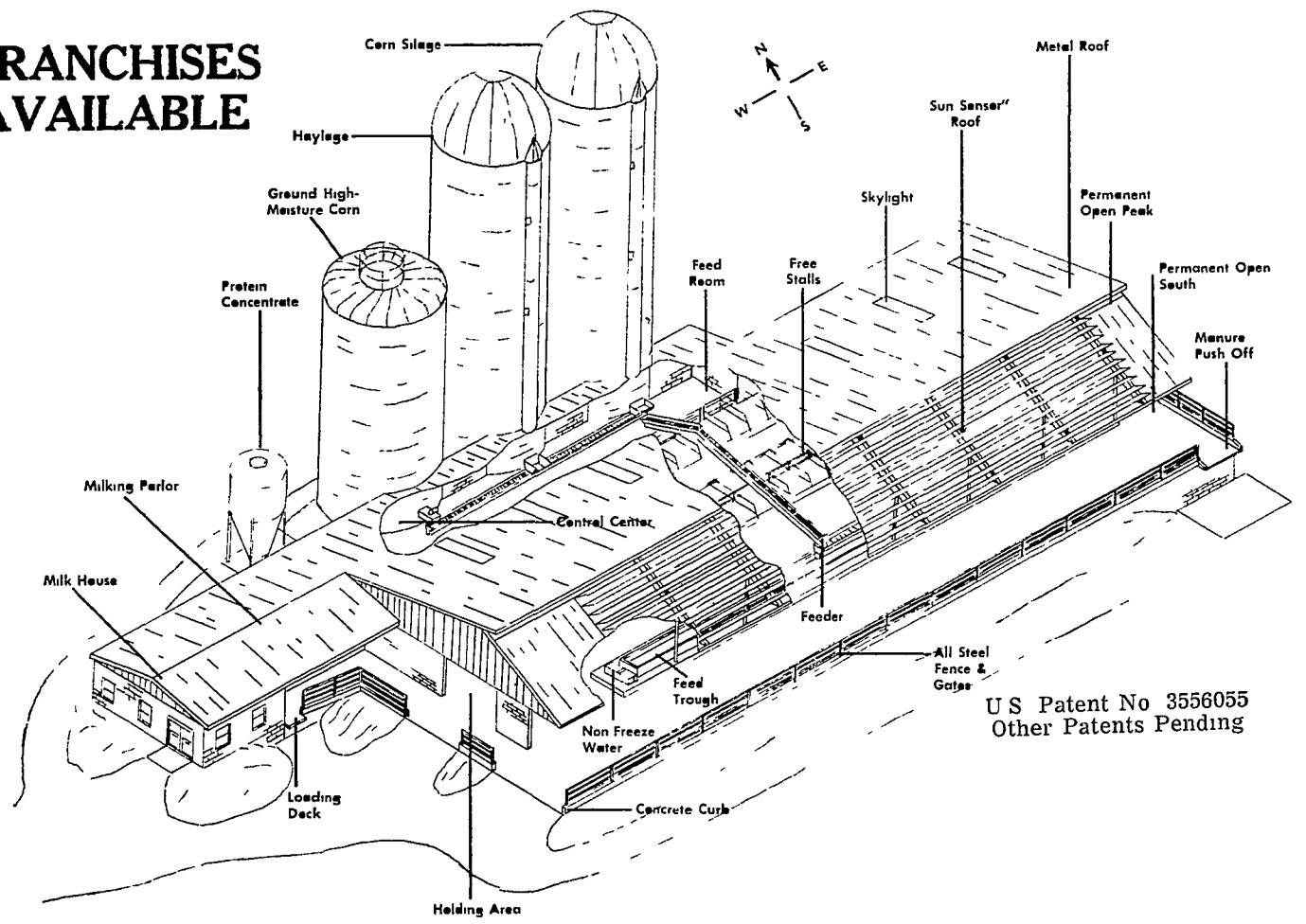

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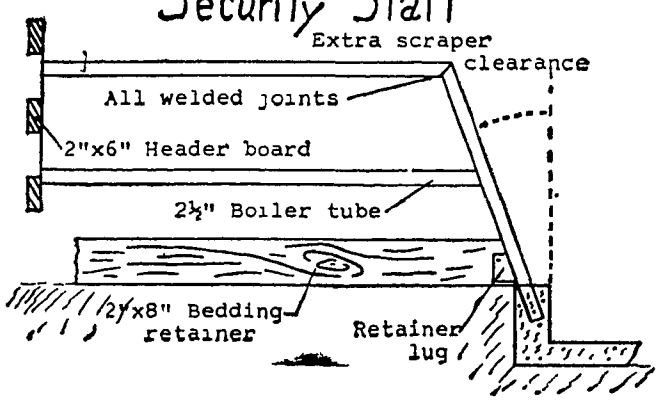

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Farm Women

(Continued from Page 18)

the hostess Mrs Jay Hershey and her co-hostesses Mrs Robert Graybill and Mrs Paul Brubaker

A short business meeting was held with Mrs Robert Summy, president, in charge

A bus trip was announced on July 22 to Ocean City, New Jersey Contact Mrs Leroy Esbenshade if interested

Mrs Roger Thome of the Society gave hints about safety in the home The next meeting will be at the home of Mrs. Kenneth Martin, Lititz RD2, June 24 at 7 30 p m

Society 28

Farm Women Society 28 toured the Landis Valley Farm Museum at the May meeting Fifteen members were present

After the tour the business meting was held at the home of Mrs Eugene High Mrs Elvin Hess served as co-hostess Mrs Melvin Zimmerman was in charge of devotions. Mrs. William Dean Jr, president, presided over the business meeting Mrs Robert Hess gave a report on the Spring Rally.

On June 3 Society 28 will be guests of Society 20. The meeting will be held at 1 30 p m at the Quarryville Methodist Church

The next regular meeting will be June 24 at the home of Mrs Christ Landis, 88 Glendale Drive, Lancaster Trooper Edwin Grazer will present a program on self defense

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The 1970's -- Dairying NOW

What do the 1970's hold for the dairy industry?

J. Phil Campbell, U S under secretary of agriculture, in a recent speech offered two possibilities

On the one hand, expanding markets based on more people with more spending power, and on the other hand, overproduction resulting in more milk than the market can absorb.

Campbell notes that in the next 10 years there will be an estimated 25 million persons added to the national population. Consumer purchasing power will be up 50 per cent These factors, along with growing efforts to wipe out hunger in the U S, "will mean a substantial increase in the demand for dairy foods," Campbell says.

But Campbell also sees, particularly in the early 1970's, the possibility of overproduction that could result in price declines in the face of rising costs, creating severe economic pressures for dairy farmers.

He notes, "As a result of reduced prices and other factors, milk production dropped from the all-time high of 127 billion pounds in 1964 to 116 3 billion pounds in 1969. But last year production swung upward to 117 4 billion pounds, and a further moderate increase is expected in 1971."

Campbell said, "Dairymen will again be in serious trouble if milk production during the next few years increases beyond market capacity to absorb it."

He notes that overproduction in the 1970's would be even more burdensome than in the early 1960's because higher support prices now would increase government costs of removing the surplus under the CCC program

Campbell urges "reasonable foresight on the part of producers" so the dairy industry can work out its present problems and take advantage of the nation's economic growth during the 1970's.

Which way is the industry going? Toward overproduction and profit squeezes or toward rising demand and expanding markets?

The two trends are contradictory. They suggest opposite directions.

What the trends may really be saying is that the dairy industry is at a crossroads.

Looking again at Campbell's figures, we see that milk output dropped more than 10 billion pounds from 1964-69 In other words, despite growing population and expanding purchasing power in the latter half of the 1960's, milk output dropped. Will this continue to be true in the 1970's?

Looking at the issue from another direction, the relatively modest increases in production in the past year or two should not be a problem for a national industry which is working with an expanding population with increasing spending power. It is a problem only because milk consumption has been declining more than enough to offset gains from population growth.

The milk industry has simply allowed itself to be displaced by more highly promoted soft drinks and beverages Consumer advocate Ralph Nader, who says one way of improving nutrition in the U S is to advertise the more nutritious foods such as milk, notes that in 1969 soft drinks received a full 10 per cent of the national food advertising total, compared to 08 per cent (less than one-tenth of one per cent) for fluid milk That makes milk the third least advertised food in 1969.

It is probably largely because of this more than 100 to one promotional disadvantage that milk has failed to hold its own with the NOW generation.

This, we think, brings us to the real issue.

Until the dairy industry reverses the trend away from milk, any yearly increase in production, no matter how small, poses a major problem. With declining markets, only declining production can keep demand and supply favorably balanced.

Remember the post war baby boom? That was a little more than 20 years ago. Those babies aren't babies anymore They're adults and during the 1970's they're going to be having babies of their own.

It's these few families which pose the challenge for dairying in the 1970's.

Will the dairy industry allow these new families to move away from milk to less nutritious foods and soft drinks?

Or will it recognize that these new families represent the industry's challenge in the 1970's?

These new families represent the industry's opportunity to overcome the problem of overproduction. They represent the industry's opportunity to reach the 25 million new people this country will have in the next 10 years.

They represent the industry's future and the industry's most important task now is to tie its future with that of these young families.

NOW IS THE TIME . . .

By Max Smith
Lancaster County Agent

To Beware Of Silo Gas

Forage crops that are put into upright silos may be the source of poisonous silo gases at this time of the year Also beware of corn silage later in the summer. Farmers are urged to keep in mind that these gases are heavier than air and are dangerous. Some are yellow, while others are colorless All members of the farm family should be warned to stay out of and away from the silo at silo filling time From the time the silo is filled until two weeks have passed would be the danger period

To Ventilate Dairy Barns

The hot weather months are upon us and many dairy herds are being confined for the greater part of the time A well ventilated barn during the heat of the day might be the best place for the milking herd, especially if the windows and the doors in the opposite end of the barn from the exhaust fans are opened, permitting the fans to draw the air through the barn in a "tunnel" fashion, this is giving very good results. Any type of cross ventilation will be helpful on extremely hot, humid days. Free access to fresh water at all times is also a very important practice

To Spray Alfalfa For Leaf Hoppers

The alfalfa weevil damage has been very light this spring, but we call attention to the fact that leaf hoppers are still around and may cause considerable decrease in yields Growers are urged to spray the new growth, for both second and third cuttings, when it is 4 to 6 inches high, with Methoxychlor. Some fields have had heavy infestation in recent years and this has caused yellowing and stunting of the plants Leaf hopper control will increase yields and should be practiced

Be Sure Safety Devices Work

The National Safety Council's Farm Department suggests that operators of slow-moving vehicles check the condition of their SMV (slow moving vehicle) emblems

Damaged or faded emblems should be replaced.

While frequent washing with warm water and ordinary household detergent will help to keep the surface clean, the orange center — for daylight recognition — will fade and last an average of only two years The red reflective border — for nighttime recognition — may last for seven or more years.

Faded SMV emblems not only reduce recognition of the slow moving vehicle, but they do not comply with state laws or national standards.

In Michigan, the use of the triangular emblem is credited with reducing collisions involving slow moving vehicles by per cent.

However, preliminary reports for 1971 indicate that the number of crashes is increasing.

Don't be half-safe! Check your SMV emblems today. Replace the faded orange centers and, if the emblem is bent, battered, corroded or rusted, replace the entire emblem.

To go a step farther, it's always wise to make sure that all safety devices are in good working order.

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Deed vs. Mortgage

The elderly dairy farmer was chatting with the friendly loan officer down at the bank; just after paying off the last installment on a loan to finance his farm.

"Now that you've paid off the loan," the banker said, "we'll be glad to keep the deed for you."

The dairyman answered, "Well, if you don't mind, just give me a mortgage."

This puzzled the banker, who then asked if he knew the difference between a deed and a mortgage.

"No," was the answer, "but I owned a farm once before. I had a deed and, the bank had a mortgage — and the bank got the farm."

THE BIBLE SPEAKS
International Uniform Sunday School Lessons
BY LAWRENCE W. ALTHOUSE

TOO LATE?

Lesson for June 6, 1971

Background Scripture. Isaiah 30, 31; 32 16-18; 37 5 7
Devotional Reading Psalms 46

A teenage girl is afraid to face her parents. Last evening she had come home from a party a whole hour late. She thought she could sneak in without anyone hearing, but as she got to the top of the steps, she saw her father and heard him say, "We'll talk about it in the morning." She knew what that meant. "Please, God," she prayed, "don't let them be mad."

Rev. Althouse

The infrequent prayer

A young adult is faced with a written examination that will either qualify him or disqualify him as an accountant Though he wants the job, he has been 'goofing-off" in preparing for the examination. Now at last the day of examination is here and he is afraid he's going to fail He hasn't prayed in years, but now he asks God to get him through successfully.

A middle aged woman's eyes are getting very heavy and her thoughts become fuzzy. In a few moments there would be complete unconsciousness and then the operation would commence. It was a serious operation and she was afraid. With her last few moments of consciousness she prayed "Our Father who art . . . in heaven . . . . hallowed be thy name . . . . . Thy kingdom . . . come . . . thy . . . . . will be . . . . . done . . . ."

King Hezekiah of Judah, knowing that he and his people had drifted away from their dependence upon God, prayed: "So now, O Lord our God, save us from his hand (an enemy), that all the kingdoms of the earth may know that thou alone art God." I can't help being a bit amused with his prayer Instead of coming right out and saying, "Lord, help us, we're in a terrible mess," he tries to give the impression that it is really God's reputation among non-believers about which he is concerned. This would be like the teenage girl asking God to keep her father from becoming angry because it would be bad on her mother's nerves, or the young man asking to pass the exam so that he could continue paying on his church pledge, or the woman asking for a successful operation so that she won't be a bother to the hospital nurses. Certainly God isn't fooled by these clever deceptions.

What do we mean: "too late"?

What about Hezekiah and the people of Judah? Wasn't it too late for them to return to God? Wasn't this prayer the last resort of desperate sinners?

Much depends upon what we mean by "too late." If we mean "too late" to re-establish their relationship with God, the answer is that it is never too late for that Remember the one thief who hung on a cross next to Jesus? In a few hours he would be dead, but it was not "too late" for Jesus to assure him, 'Today you will be with me in paradise."

If we mean "too late" to ask God for help, the answer must again be "No"

If, however, we mean "too late" to turn back the clock and undo what we have done, the answer may be "Yes, it is too late for that" For the teenager girl it was "too late" to change the fact that she had been careless with her time For the young adult it was "too late" to make-up for the lost opportunities to study. For the woman in the hospital there was no turning back the clock as if the illness had never happened. With Hezekiah and his people there could be no magic that suddenly would wipe clean the slate and instantly transform this stricken land into a nation of God-fearing people.

Yet, it was not "too late" for any of these people. There was still time to turn to God and receive his help in meeting and seeing through the troubles they had brought upon themselves. It is never "too late" for that.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

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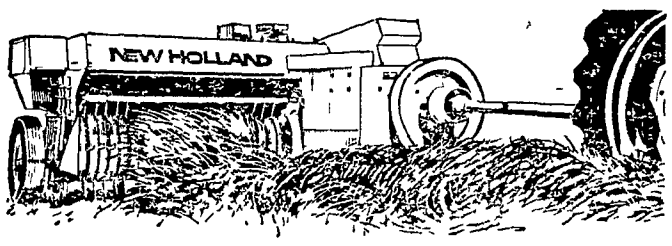

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Pennsylvania State Senator Clarence F. Manbeck, Fredericksburg, Lebanon County, far right, was among key state legislators attending a two-day symposium on "Protection of the Environment and Food Base" at Penn State University May 20 and 21. Dr. Louis T. Kardos, environmental scientist, center, is explaining University research designed to use waste water and sludge from municipal sewage treatment plants to revegetate strip mine spoil banks. In the photo, left to right, are: Dr R. E. Larson, dean of the College of Agriculture and director of Extension; Senator Patrick J. Stapleton, chairman of the Senate Agricultural Committee; Dr. Kardos; Senate Majority Leader Thomas F. Lamb, Pittsburgh, and Senator Manbeck. The symposium was co-sponsored by the College of Agriculture and the University's Agricultural Advisory Council.

Many Food Addatives

At least 2,000 chemicals are deliberately added to food

There are 30 different categories of additives and the largest group consists of the 1,200 flavoring agents Sometimes more than a dozen flavors are needed to provide the proper taste to a certain food item

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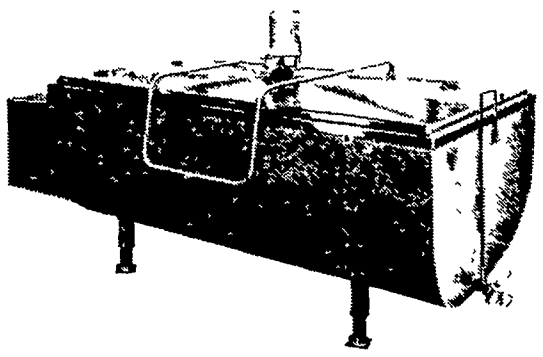

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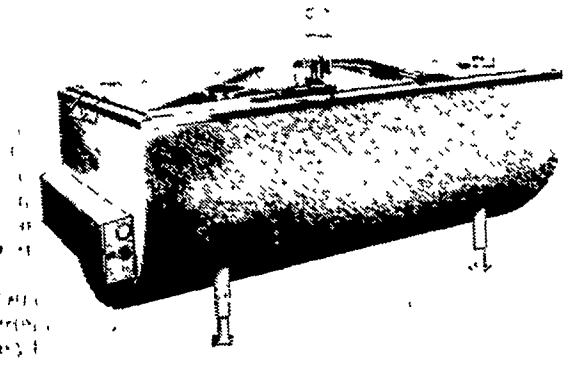

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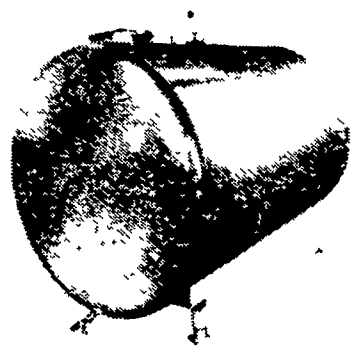
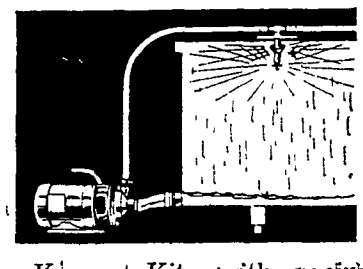
Heavy steel outer shell gives MilKeepers the rigidity to hold calibration year after year. It's a fact — MilKeepers resist distortion forces that could ruin a tank without a similar outer shell



For producers with big herds, the new line of CP Cylindrical MilKeepers gives the same dependable service as the many thousands of MilKeepers already in use. Choose "big" MilKeepers in 1500-2000-2500-3000 gallon capacities. These tanks lend themselves readily to bulkheading. Larger sizes available on special order.



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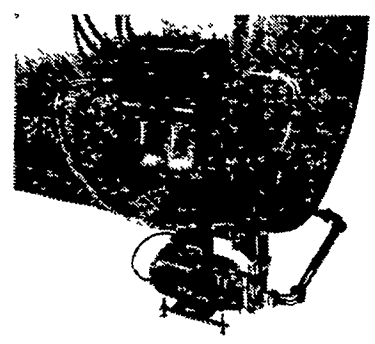

The CP built-in Automatic Washer for Cylindrical MilKeepers completely automates tank cleaning — from pre-rinse to final sanitizing. Permanently mounted on tank to eliminate storage and handling problems. Also available for semi-automatic operation.

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Dairy Recipes This Week; Cherries Asked June 19

(Continued from Page 17)

into milk Stir and simmer until it separates and gives a curd Then pour in a mold that has holes or strainer until well drained Delicious sliced and eaten with pineapple preserves, or molasses

Mrs Howard Weber, East Earl RD1, forwarded the following Caramel Pudding recipe

Caramel Pudding

2 to 3 tablespoons butter
2 tablespoons cornstarch
2 tablespoons flour
2 cups brown sugar
1 egg
1 quart milk
1 tablespoon vanilla

Beat egg into milk with an egg beater Set aside Brown butter in heavy pan Remove from heat and add sugar, cornstarch and flour to brown butter Mix well

Add milk mixture to other ingredients and cook until thickened Remove from heat and add vanilla and cool

Mrs Dorothy W Martin, Ephrata RD1, also sent a different Caramel Pudding recipe as follows

Caramel Pudding

4 cups milk
2 cups granulated sugar
¼ stick margarine
3 tablespoons cornstarch
1½ teaspoons vanilla

Brown sugar and butter, then stir in pinch of soda Add milk When boiling, thicken with corn starch Add vanilla

Mrs Merle Mishler, Hollsopple RD2, sent her Butterscotch Pudding recipe with the comment that "This is just a recipe I made up on my own, but easy to make and very good." Is is as follows

Butterscotch Pudding

1 box vanilla pudding
1 box butterscotch pudding

Cook pudding according to directions on box using only 3½ cups milk for the two boxes

Cool in refrigerator Before serving beat with electric mixer and add one small package Dream Whip (whipped) or heavy cream and about one cup graham cracker crumbs with two bananas cut in Sprinkle graham cracker crumbs over top

Mrs Mishler also sent a baked Custard recipe

Baked Custard

6 eggs (or 9 yolks)
¾ cup sugar
½ teaspoon salt
4 cups milk, scalded
½ teaspoon vanilla
Nutmeg

Beat eggs or yolks slightly Add sugar, salt, milk and vanilla Mix thoroughly Pour into greased casserole or custard cups and sprinkle with nutmeg

Place in a pan with water halfway up sides of containers Bake at 325° for 50 to 60 minutes Test baked custard by inserting knife in center and pudding When knife is only slightly coated remove custard Serves 6 to 8

Mrs Carol Hoffman, Mifflintown RD2, offered the following Vanilla Ice Cream recipe

Vanilla Ice Cream

For 4 quart
1 can Eagle Brand Milk
1 can Evaporated Milk (not skimmed)
1 quart milk, or enough to fill can to desired depth
¼ cup sugar
3 beaten eggs
1 box Junket freezing mix
3 tablespoons vanilla

For 6 quart
1 can Eagle Brand Milk
2 cans Evaporated Milk
Whole milk, enough to fill can to desired depth
¾ cup sugar
6 beaten eggs
2 boxes Junket freezing mix
Vanilla to taste

Beat eggs, then add sugar and beat a little longer Add freezing mix and canned milk and beat again Add vanilla and as much whole milk as desired

One package Dream Whip may be added (dry) when beating in the freezing mix.

Mrs Elvin B Keener, Elizabethtown RD2, sent her Egg Custard Pie recipe as follows.

Egg Custard Pie

2 cups milk, scalded
5 tablespoons sugar, scant
3 eggs
⅛ teaspoon salt
½ teaspoon vanilla

Beat eggs until yolks and whites are blended Add sugar, salt and vanilla Mix thoroughly. Add scalded milk slowly, stirring constantly Pour into unbaked pastry lined pan

Bake in hot oven (425°) until inserted knife comes out clean.

Mrs Keener also sent a Vanilla Cream Pie as follows:

Vanilla Cream Pie

¾ cup sugar
⅓ cup flour
⅛ teaspoon salt
2 cups milk, scalded
½ teaspoon vanilla
2 tablespoons butter
2 eggs, well beaten.

Combine butter, sugar, salt, flour and beaten eggs. Slowly add scalded milk, stirring well. Cook until thick and smooth, stirring all the time. Add vanilla.

Pour into baked pastry shell. Cover with meringue. Bake in slow over (325°) for 20 minutes.

One half cup coconut may be added to above ingredients if you want Coconut Cream Pie.

Help for Child

The urge to help a child is strong, but a hands off policy is sometimes best, reminds James E Van Horn, Penn State extension family life specialist.

To build self-confidence, a child needs to learn to solve problems A parent can offer suggestions on how to do a job. But if possible, the final decision is best left up to the child.

When a task is too hard for a child to solve, parents need to provide the solution.

Ladies, Have You Heard? . .

Ecology And Detergents

When you measure detergent, do you just throw in a handful? Or a little extra for the spots? Or do you just pour some out of the box or bottle until it "feels" right? If you do any of these, you're being wasteful.

THOMAS

With the use of detergents as critical and controversial as they are today, with scientists claiming phosphate detergents have upset the balance of life in our fresh water lakes and streams, careless use or misuse of detergents is cause for alarm You can help control this in several ways

One way is not to use heavy-duty detergents, those with a high phosphorus content, unless it is necessary When you do use them, make sure you have a full load for your washer or dishwasher And keep in mind that percipitating or ionizing water softeners make heavy-duty detergents unnecessary unless items are xtremely soiled

Another thing, pre-soak badly soiled larundry in borax, sal soda, or pre-soak products that do not contain phosphorous Most enzyme products on the market are very high in phosphorous

Pre-treat soil with a spot applicator containing enzyme heavy-duty detergent in solution If you do this, low phosphorous light-duty detergents will be sufficient for the cleaning process

About Hazardous Glass

You may have an "unseen killer" in your home Maybe you don't call it that, but the National Safety Council has given glass doors this label

Accidents suffered by people who walk into glass doors continue to rise as more storm, patio, and shower doors of glass are used in building and remodeling

You can help prevent such accidents from happening in your home

Use safety glass in danger areas You may want to replace glass in such doors with safety glass Ask at the store where you are buying glass doors or your contractor, about the safest material to use

Use decoration on the glass of storm, patio and shower doors You can use decals, ornamental bars, or grills to make these doors more visible

Place a plant or piece of furniture in front of a glass wall or a glass door you aren't using

Make the unseen killers in your home safe by installing safety glass or some kind of decorative markers

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Witmers Are Well Known for Their Outstanding Guernseys

Mrs. Witmer is proud of her black afghan with embossed rose colored flowers and green leaves, also the crewel pillows she made.

(Continued from Page 17)

farmer with the Delaware lass in this farming enterprise is where they got the name "Penn Del" for their farm

Even in high school, Raymond was a promising young farmer, for he received the American Farmer Degree after three years in the vo-ag course at West Lampeter High School and was Pennsylvania Outstanding FFA boy in 1945

Witmers are in DHIA and DHIR. In 1958, 1962 and 1964 they had the top Guernsey herd in the state. In 1958 they had an average of 11,566 pounds of milk and 585 pounds of fat In 1962 an average of 12,225 pounds of milk and 621 pounds of fat with 46.8 cows in their herd. Their average in 1964 was 12,312 pounds of milk and 589 pounds of fat.

They had some trouble in the herd for awhile, so their average dropped, but it is steadily increasing again

They have many trophies, plaques and certificates Including the children's 4-H calf trophies, they have around 30 trophies and about 14 DHIA plaques.

They won the Gold Star Guernsey Breeders award the five years 1963 through 1967 To win this the production must be so much above the breed average and the type classification has to be so much above the breed average. This year it must be over 12,000 pounds of milk.

Witmers have three Harvestore silos and one regular silo. They like the Harvestore silos very much. They have haylage in two and high-moisture corn in one. They sold some high-moisture corn last year and this year They keep corn silage in the old silo.

To get a fine producing cow, it is necessary to raise the heifers properly Mrs Witmer isn't satisfied to feed the calves hay anymore, because she finds they do so much better with haylage She says they do not become potbellied on haylage as much as on hay.

Raymond says grain consumption and feed costs are down since they are feeding haylage and high-moisture corn The high-moisture corn is more palatable and more digestible than corn They feed hay with it They also feed a small amount of corn silage and some pelleted grain with it

They do not use heat-dried hay much anymore, only a couple times last year. They do not give the animals hay till they freshen and no grain from nine months till six weeks before calving Then they give them haylage and put them out on pasture

Besides his own farm, where he grows principally corn and alfalfa, he farms a 43 acre farm for a neighbor, Lester Herr He also uses his large equipment to help his brother Paul with seasonal jobs on his 118 acre farm.

Witmers' dairy herd consists of 54 cows, 2 bulls and 56 heifers Witmers have two sons who help with the farm work when they are home and one hired man, Wayne Carrigan, who has been with them nine years.

Witmers have four children Peter is 18 and just completing his freshman year at the York Campus of Penn State University, where he is taking Dairy Science He graduated last year from Lampeter-Strasburg High School, being an academic major He likes cows and farming

Mark, 16, is completing ninth grade at Lampeter-Strasburg and is in Industrial Arts He plays bass drum in the band He has taken guitar lessons and wants to take snare drum lessons this summer He played baseball on the varsity team and plans to play next year He also wrestled this year

Susie is 13 and in seventh grade at Martin Mylin Junior High School She took some sewing this year at school and did real well with it She has taken piano lessons four years

Mary is five and hopes to start kindergarten this fall

Mr Witmer, having had pigs in 4-H himself, is a 4-H Leader for the County Guernsey Club which has 30 members and meets in their home Peter, Mark and Susie are in this club and their animals came from the Witmer herd

In 1969, Peter's 'Penn Del Brilliant Connie" was the grand champion in the County Roundup and reserve champion at the Southeast District Show He won first place Master Fitter award at the Pennsylvania Junior Dairy Show This animal also was second reserve champion at the West Lampeter

(Continued on Page 26)

Ida's Notebook

By Ida Risser

Do you sometimes have a day when you don't know what to do first? As all the necessary jobs whirl around in your mind, you try to pick out the most important.

The entry of hot weather makes the job of hunting shorts and lighter clothes a necessity

Then there is the problem of cleaning and storing all the wool blankets and winter coats This is a task I don't relish as it takes so much time — especially with a household of children.

Another kind of work which is never finished is picking up stones from the fields. I'm sure two centuries ago our forefathers also picked up stones when they first cultivated the soil.

My three sons were working on the stones last week and saw a red fox run down the lane We have found dens of grey foxes on our farm also

The pheasants don't fare so well when foxes are around.

We had a square dance in our barn the other Saturday night and it brought back memories of some earlier dances which the Rural Youth of Lancaster County held 25 years ago.

This group provided recreational and educational facilities for farm youth at a very nominal fee A monthly paper was published giving information on plays which they produced, craft groups, orchestra practices and trips to neighboring states

If it accomplished nothing else, it turned out to be a "matrimonial bureau" Over 20 couples now living in Lancaster County met through the Rural Youth. Allen and I among them.

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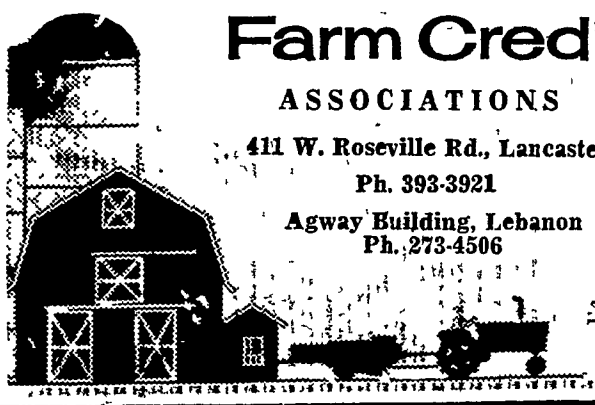

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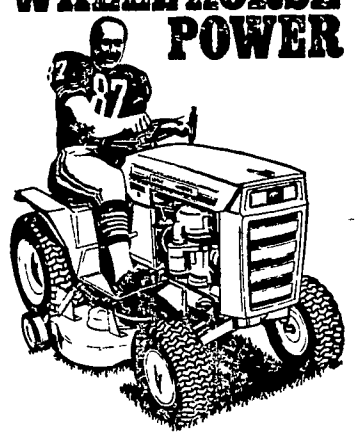

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Admits Problems, But Sees It As Merchandising Tool

Economist Says Milk Should Be Sold on Protein Content

Selling milk on the basis of its protein content is a point for differing opinions, according to Truman F Graf, Department of Agricultural Economics, University of Wisconsin.

Graf himself is a strong advocate of this pricing policy, but he concedes that "neither milk handlers nor dairy farmers as a group have really 'pushed' very hard for 'protein pricing of milk,' because apparently neither is presently convinced they can make more money as a result of this kind of pricing"

Graf says handlers "prefer getting a higher level of protein without paying for it." This can occur under present pricing methods, he says, because the relationship of protein to fat varies considerably among cows, and processors "conclude they get (more) 'solids not fat including protein' at a lower price with . . . current butterfat testing, than if protein testing and protein pricing were in effect"

Handlers, Graf says, can standardize milk to desired proportions to get the desired levels of "solids not fat including protein" and prefer this procedure to changing to protein pricing

Farmers are apathetic about protein pricing, according to Graf, because "they apparently have not yet concluded that they can benefit financially by testing for, and pricing specifically, a valuable component of milk — protein — despite the fact that protein pricing would permit higher prices if the protein content were increased, or if milk had a higher than average protein content"

Graf says even some academic people feel protein pricing is not economically practical

In spite of all this, Graf stands his ground and cites the following facts to back up his theory that protein pricing of milk "should be adopted on a board scale throughout this country"

1 "Pricing of milk is slowly shifting from predominant emphasis on butterfat, to major emphasis on non-fat solids, and therefore to protein"

2 "Nutritionists tell us that protein is one of two nutrients most often deficient in diets (calcium is the other) . . . Milk is one of the bst sources for protein.

3 "The downward commercial price pressure which existed on non-fat solids in the past is likely to be minimized in the future because surpluses of non-fat solids will be dropping

4 "Although milk contains important and valuable non-fat solids other than protein, such as lactose and minerals, nevertheless protein (along with fat) is the only variable constituent of milk Farmers can produce a higher protein milk if provided with a price incentive

5 "At present, skim milk is generally priced only on a hundredweight basis and not on the basis of its "solids not fat" If milk were priced on the basis of its protein content in addition to its fat content as at present, producers could share in the increased value of milk as its protein content increased

6 "Although the value assigned to the skim portion of milk increased substantially in recent years, it is still disproportionately low. Pricing milk on the basis of its protein content could help bring about pressure for the needed increase in the skim obligation and decrease in the fat obligation at least for Class II milk, since protein would be priced as a component, and the value of it, and skim milk generally, would be given more attention

"Protein is the most marketable component of milk By stressing protein pricing to farmers dairies will undoubtedly be able to communicate better with consumers in promotional and merchandising campaigns."

In summary Graf says, "The protein pricing plan should provide for protein differentials, and with no initial change in the total payout by handlers, so no change in the price of milk.

"Individual farmers would, however, be benefitted by getting paid for extra protein, and being encouragd to produce proportionately more protein relative to fat and thereby improve their marketing situation."

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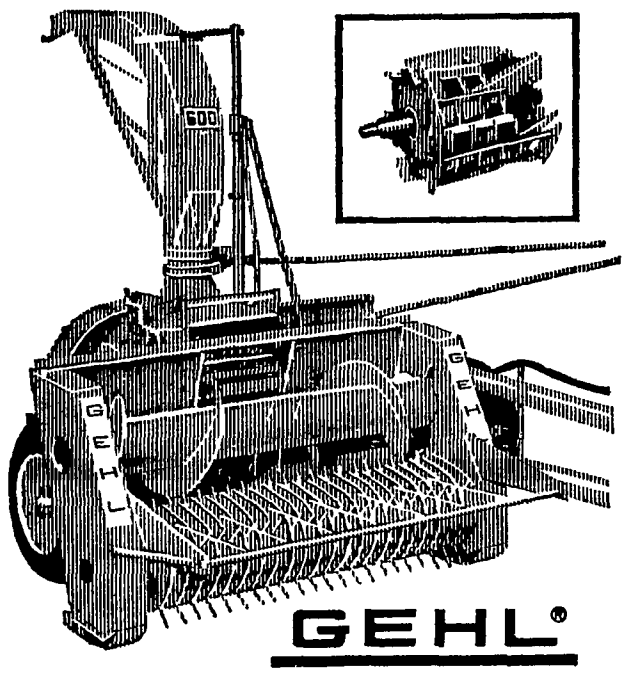

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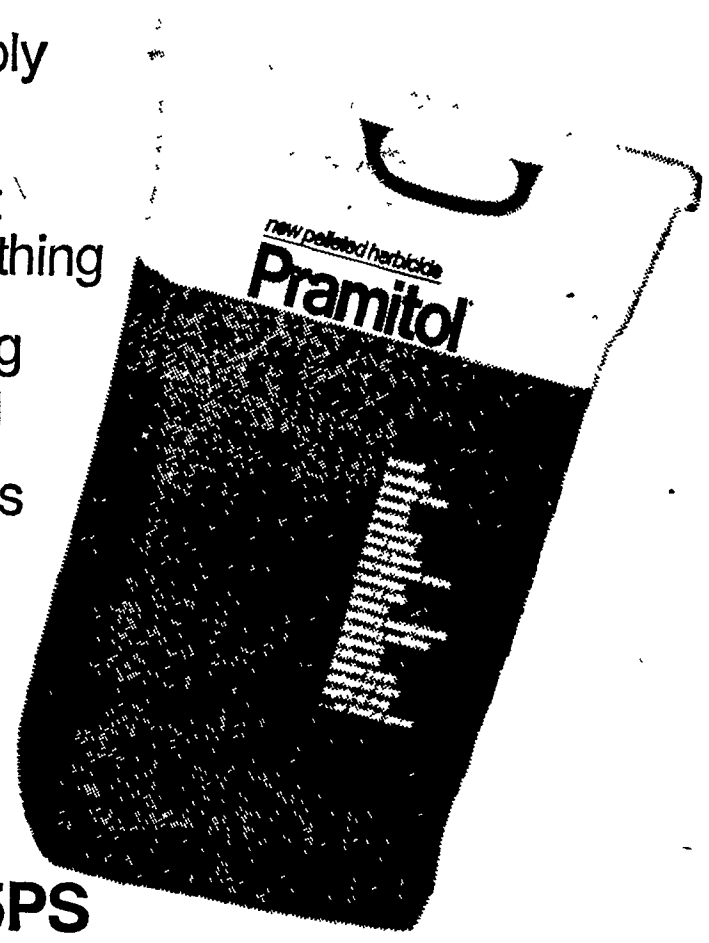

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Pondbank Farm Expands, Changes to Remain Efficient

(Continued from Page 17)

milkers at a time. It takes only an hour and 45 minutes to milk the entire herd. Harnish figures a cow can be milked every minute.

Harnish said the pipeline milker has cut down considerably on cleanup time.

A switch can be snapped and the barn is cleaned in about 10 minutes. The new operation includes a pit that can hold up to 10 weeks supply of manure, which is spread as a semi-liquid. A new spreader hauls nine to 10 tons a load, two to three times as much as previously.

Despite the size of the operation, however, Harnish emphasized that he's not ready to sacrifice quality for quantity He said he considers his herd "a breeder herd" and he wants "good cows and high production."

His herd average for the past five years, he said, has been 14,600 pounds of milk and 590 pounds of butterfat.

The herd includes one cow, Brook-Honey Penstate Arlene, which rated Excellent at 90 last August

The Harnish family includes three children, Jeffrey, 13, Gregory 10, and Kimberly 3 Mrs Harnish helps with the records and with caring for the animals Harnish is treasurer of the Lancaster County Holstein Breeders Association.

Jeffrey has a two year old 4-H heifer which is due to calve in July to Apollo The animal was third in its class last year in 4-H and second in the Black and White show

The operation includes a full time hired man, Christ F. Esh Jr , 702 Penn Grant Road, Lancaster, and some part time help in the summer and evenings by Charles Witmer.

Harnish also cuts down on labor by coordinating the field work with his father, Clarence Harnish, Pequea Lane, Lancaster.

Clarence has two farms, a 140 head beef operation and a 50 head registered Guernsey operation

All equipment is used jointly on the three farms "That way we can go to more efficient equipment and yet not have too much overhead," Harnish explained.

The John M. Harnish family at their home recently are as follows: left to right, Kimberly, 3; Jeffrey, 13; John M., Gregory, 10, and Mrs. Harnish.

In addition to his own 100 acres, Harnish rents 14 acres from a neighbor He rents other land from time to time when available.

A larger operation have brought many other changes, including a change in the crop program This year he's going to an all corn and alfalfa program, with 60 acres of corn and 30 of alfalfa. The rest is meadow and farmstead, mostly 'an exercise lot" for the cattle During the summer, he keeps the animals inside during the day and lets them out in the evening.

He previously had eight to 10 acres of small grain and when he first came to the farm in 1964 he had 20 acres of wheat and barley But the grains were gradually decreased because "it seemed it wasn't too profitable."

In switching from small grains, Harnish had to begin making his alfalfa seedings in the spring instead of in the fall, because it's too late to seed alfalfa in the fall following a corn crop He uses cover crops and plows them under on corn ground

Because he doesn't have the straw anymore, he has gone to rubber and gutter grates to cut down on the need for straw

He and his father are also experimenting with sod waterways, working through the Soil Conservation District, and he plans to go to cropland terraces The conservation practices "may be the answer if we're going to more tilled ground"

Commenting on the waterways and terraces he said, "It would be nice to know where that water is going if it rains hard"

One of the terraces installed recently diverts the water away from his buildings and feed lot

The corn he grows is primarily fed as silage. Harnish figures he can always buy corn if needed He has a 24 by 75 foot upright silo for his corn silage.

He has an overhead conveyor which drops the silage to a cart in the feeding alley Silage is fed directly from the cart

Harnish is also experimenting with high-moisture corn in two 11 by 40 foot silos Last year, he built a steel silo for high moisture corn He likes the results from high moisture corn so far and the cows eat it well

He feeds 10 to 12 pounds of hay per day per cow.

Overall his feeding program consists of corn silage, high moisture corn and alfalfa with protein supplement fed to the cows individually

Harnish reports that he has very little problem with mastitis, but recently some of his better milkers have been breeding late. Harnish has been checking through possible causes and now believes it may be a diet factor, since the better producing animals are involved and they're the ones which have higher nutritional requirements

He plans to begin building a maternity and small calf barn within the next few days

He presently sells bull calves for veal at about two to three days of age He is considering finishing them out in the future.

In explaining his operation, Harnish stressed the importance of having an efficient layout of his building and facilities He has a farm plan and he consults this plan and attempts to keep the entire operation as coordinated and efficient as possible as it is expanded

He believes that keeping things working smoothly as a unit is one of the keys to success with an expanded operation.

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Guernseys

(Continued from Page 23)

Community Fair. In 1970 he placed first at the county Roundup with her and second at the South Central District Show and his Lancaster County group placed first His animal placed second last year at the Pennsylvania Junior Dairy Show and she went Excellent this spring.

In 1970, Mark's heifer "Penn Del Counts Anna Bell Lee" was first senior champion at the County Roundup, first reserve senior at the District Show, placed third at the Pennsylvania Junior Dairy Show and fourth at the National Junior Dairy Show Pennsylvania's group came in third at this show and this animal was in the group. Mark placed first judging animals in the youth group at the Lancaster County Guernsey Breeders Field Day.

Susie's "Penn Del Boys Mary" placed second at the County Roundup last year and sixth at the 4-H District Dairy Show.

Raymond is a Pennsylvania Dairy Cattle Association judge and judges at many shows and fairs such as Fair Hill and Lampeter Fair The largest one he judges is the Holstein Show at York

He is a member of Lancaster County Guernsey Breeders Association, and has served as secretary and two terms as president He is a member of the Pennsylvania Guernsey Breeders Association and has served on the board of directors and as secretary

He has been elected to two five year terms as director of the American Guernsey Cattle Club and has four more years to serve of his second term He is on the Finance and the Rules Committees He and Mrs Witmer attended the convention in Seattle, Wash. for 10 days in May Next year it will meet in Grand Rapids, Mich.

Mr Witmer is a member of the Farm and Home Foundation. He is serving as a member of the Lancaster Co Dairy Princess committee this year. He is also a director of the National Central Bank main office in Lancaster.

Witmers are members of the Strasburg Presbyterian Church and Sunday School where Raymond served as an elder 15 years and as clerk of Sessions several terms Louise helps in the kindergarten Sunday School class and substitutes teaching the adult class. She also taught the Bible Study in the Monday evening Circle meeting. Mark and Susie are in the Youth Fellowship and Susie is in the Junior choir.

Mrs. Witmer does some sewing. This past winter she made a number of jumpers and some pants for church, to send to New Windsor, Md., and to the Lancaster County Council of Churches' clothing bank. They are collected at the Otterbein United Methodist Church where needy families go to get them. She also made ditty bags for local hospital patients.

Mrs. Witmer beautifies their farm buildings with all kinds of shrubbery and blooming flowers. Surely everyone who passes by their farm notices the concrete curb on their road bank in

(Continued on Page 27)

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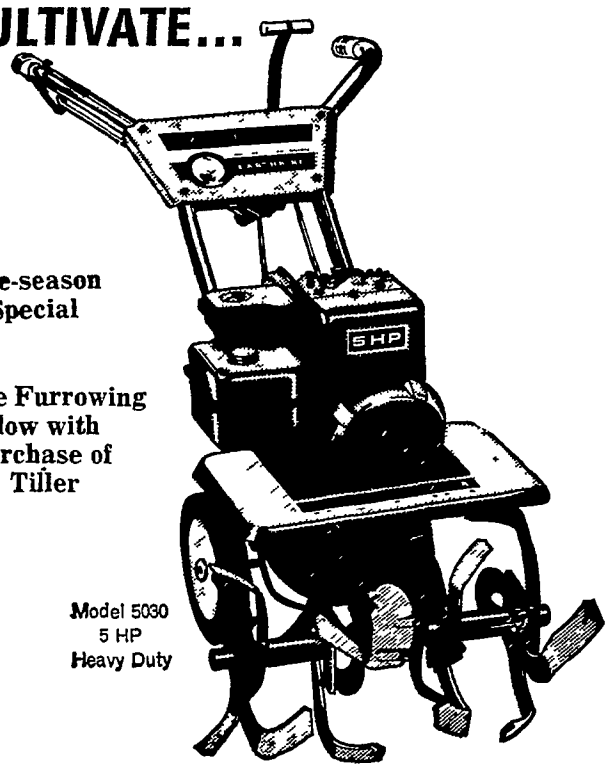

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1881 Paclamar BOOTMAKER	+1660	+49	+ 84
0779 Housley's J. CHAMPION	+1083	+49	+ 69
2732 Milestones GENERATOR	+1242	+43	+ 68
1869 Fleetridge MONITOR	+1141	+41	+ 64
1887 Bradstead Rosni Pabst TONY	+1374	+31	+ 61
1886 Utag Dagan Ex ALAM	+1136	+34	+ 58
1883 Citation R. MAPLE	+ 980	+39	+ 58
1923 Arbur Ormsby MARK	+1010	+37	+ 57
1866 Gettie LANCER Piebe	+ 978	+31	+ 51
1893 Southway Pearl Tidy JOE	+ 871	+33	+ 50
1915 OLYMPIC Segis Eric-Twin	+ 769	+36	+ 50
2726 The TRADEMARK	+ 513	+43	+ 49
3654 Roselawn Topsys TOPPER	+ 844	+31	+ 48
1904 Utag Ivanhoe ULTIMATE	+ 716	+36	+ 48
1874 Forest Green SEARS Mary	+ 912	+28	+ 47
0773 Cleverlands General ELDORADO	+ 842	+29	+ 46
0785 Grayce Farms Foremost's JESTER	+ 786	+28	+ 44
1876 Birdlawn TOGUS Remer	+ 581	+32	+ 42

Bulls from 19 different studs were summarized in this report. ABS had 24% of all the bulls listed with PD for $$ of over +40 — more than double the number of the next highest stud. ABS had the TOP TWO HOLSTEINS, the TOP THREE GUERNSEYS, the TOP JERSEY, the SECOND HIGHEST AYRSHIRE, and the THIRD HIGHEST BROWN SWISS.

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545 Spring Ave., Lititz, Pa. 17543

Guernseys

(Continued from Page 26)

front of the house for many feet that holds petunias and marigolds in the summertime We would say she sets a fine example for farm beautification

She tends to their garden and freezes the vegetables. She cans peaches, plums and apricots and makes jelly

As far as hobbies go, she does quite a bit of embroidery work She embroidered pictures and pillow tops, some are just regular stitches, some done in crewel and some in needlepoint She crocheted one afghan many years ago

Mrs Witmer enjoys going to antique sales, but many of her antiques came down in their family. Some of her antiques include several pieces of Deldare pottery dated 1909, a Criterion music box that is over 100 years old and works, a spinning wheel, a large old country store pickle jar, a ceramic umbrella stand and four old copper milk pails They are lined with big and originally were coated on the outside with tin. She had the tin coating on the outside of them removed and the copper polished. The top of these pails is much smaller than the bottom.

Louise has several collections She has 15 or 16 china cups and saucers, 5 dozen or more silver souvenir teaspoons, 400 or 500 buttons, and figurines — mostly wooden ones but some are glass or ceramic, paperweights, several iron trivets, eggs, seashells and stones.

Witmers have a large modernized home and Mrs Witmer is a good housekeeper She does a lot of cooking in her beautiful big kitchen and here are some of her favorite recipes Many of her recipes call for good wholesome milk or milk products.

QUICHE LORRAINE
(pronounced Keesh Lor-rain)

Sift together — 1 cup sifted all purpose flour
½ teaspoon salt
Cut in — ⅓ cup shortening until particles are size of small peas
Sprinkle — 3 to 4 tablespoons cold water over mixture, tossing lightly with fork until dough is moist enough to hold together Form into a ball.

Roll out on floured pastry cloth or board to a circle 1½ inches larger than inverted 8 inch pie pan Fit pastry loosely into pan. Fold edge to form a standing rim. Flute.

Filling:

Fry (one-half pound) bacon until crisp Crumble into pastry-lined pan (One-fourth pound cooked ham may also be used). Arrange one-fourth pound Swiss or American cheese, grated, over bacon Beat 3 eggs slightly with rotary beater Add:

2 cups milk or light cream, 1 teaspoon salt, 1/16 teaspoon pepper and 1/16 teaspoon cayenne pepper. Blend and pour over bacon and cheese in pan

Bake in moderately hot oven (400 Degrees) 35 to 45 minutes This is an ideal one-dish meal for luncheon or supper Nice with a green salad.

EGG CHEESE

2 quarts sweet milk
1 pint buttermilk or sour milk
1 teaspoon salt
½ teaspoon sugar
4 eggs

Bring sweet milk to boiling point. Beat eggs lightly, add sour milk, salt and sugar. Beat slightly again. Pour slowly into hot sweet milk Cover with a lid and let stand several minutes Stir slowly until it separates Remove cheese from whey by using a ladle with holes or a colander When set, serve, on bread with syrup or honey

SCALLOPED OYSTERS

1 pint oysters, small oyster crackers, salt, pepper, butter and milk.

Use a two quart casserole and grease with butter Make alternate layers of oysters and crackers Sprinkle each oyster layer with salt and pepper and dot with butter. Finish last layer with crackers Pour in enough milk to within an inch of top Cover and bake in 350 degree oven Add a little milk if necessary Bake about one hour.

CUSTARD PIE

3 eggs
½ cup sugar
¼ teaspoon salt
¼ teaspoon nutmeg
½ teaspoon vanilla
2 cups milk (scalded)
1 unbaked 9 inch pie shell

Beat eggs slightly and combine sugar, salt, nutmeg and vanilla Slowly add milk and pour into pastry lined pie pan. Bake (450 degrees) for 10 minutes, reduce to (325 degrees) for 25 minutes

HEAVENLY 24 HOUR SALAD

Creamy Dressing
2 eggs
2 tablespoons sugar
2 tablespoons orange juice
2 tablespoons vinegar
1 tablespoon butter
Dash of salt
2 cups dairy sour cream

In small saucepan, mix eggs with sugar, orange juice and vinegar Cook, stirring constantly, until mixture thickens. Remove from heat and stir in butter and salt. Cool. Then fold in sour cream Chill while preparing fruits

(Continued on Page 31)

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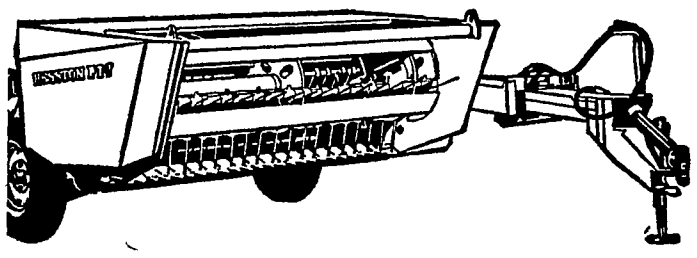

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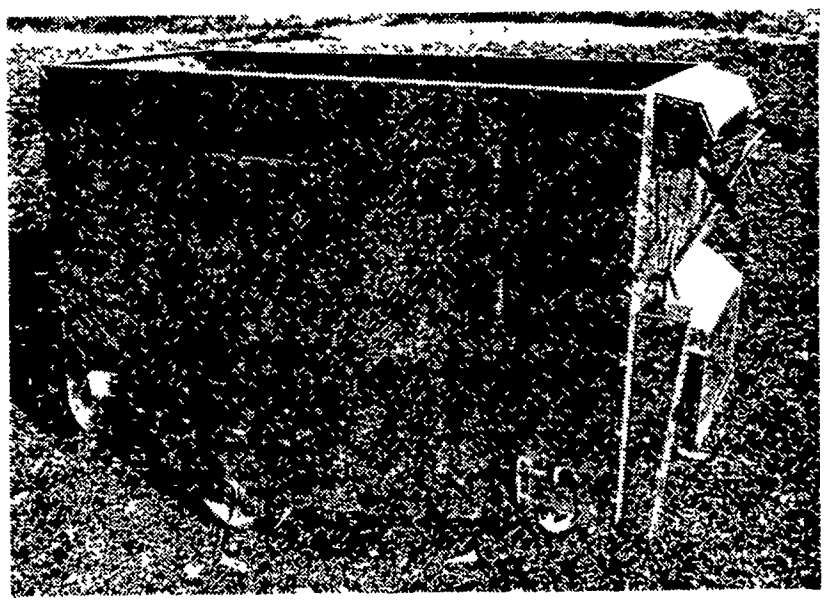

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June Dairy Month for Consumers, Too

The following June Dairy Month article was submitted by Boyd Gartley of Inter-State Milk Producers Cooperative on the need for motivating consumers to use more dairy products

If June Dairy Month has any significance at all, it should be to shock milk producers to the truth that marketing is their biggest problem

The term "marketing" is used here in its broadest sense and should include all phases of marketing such as pricing, advertising, merchandising promotion, quality control, transportation, etc

The time is now when dairy farmers must take a more active role in marketing Dairymen must become aware of the need for motivating people to drink more milk and consume more dairy products

The dairy producers will have to assume full responsibility for milk and dairy products

Today is a fast changing world with improved technologies that make new ideas and new methods outdated before they are generally well known

One question dairymen have to answer is "June Dairy Month —'square' and 'establishment', too?"

The idea and slogan of June Dairy Month have been around for a long time Questions have been raised whether the June Dairy Month promotion sells more milk and more dairy products simply because "it is good for them" People today usually do not spend money for items just because they are "good for them" Consumers are more likely to buy things they want to eat

So, the challenge of the 70's during June Dairy Month will be for producers of milk to find ways to making people want to drink more milk and want to eat more dairy products

To make people want something takes the skill of the best minds in advertising These artists are skilled in motivating the public Most product producers have learned the value of motivating the public to build product sales The dairy industry has been slow to adopt any methods of the larger and more successful companies

Dairy farming is big business, and each milk maker has a large investment and has developed many technical skills in the production of this product All dairy farmers should offset this problem of promoting their product

To do this dairymen should utilize their cooperative organization to take the lead in a more active role in marketing their product Milk producers who say they prefer to retain their independence should be motivated to use group action for increased profits

As a member of Inter State Milk Producers Cooperative of Maryland Cooperative Milk Producers of Maryland Virginia Milk Producers Association you should communicate with any non-member neighbor and explain to him what is at stake for his participation in this area The non-members should be shown programs developed by the American Dairy Association as well as programs developed by the American Dairy Council of Philadelphia Baltimore and Washington

An effective advertising and sales promotion program needs support Motivation of consumers to buy more milk and dairy products is essential to a successful marketing program and especially to the future of the dairy industry

Let's make the "Now" June Dairy Month meaningful to everyone — producer and consumer The two are interdependent

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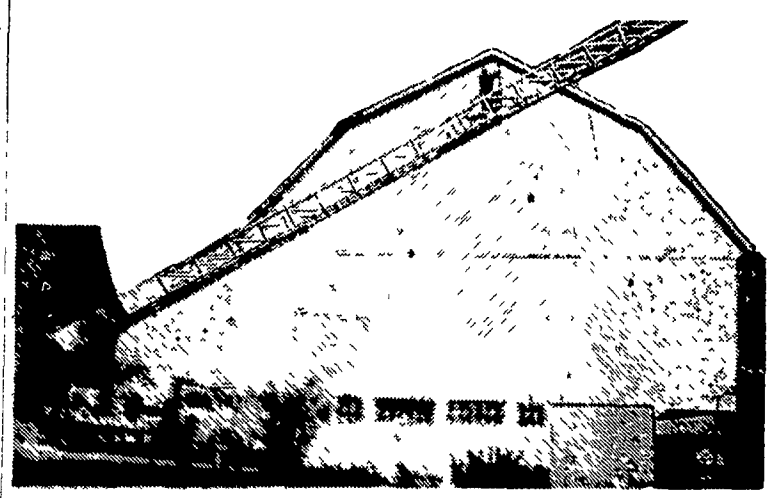

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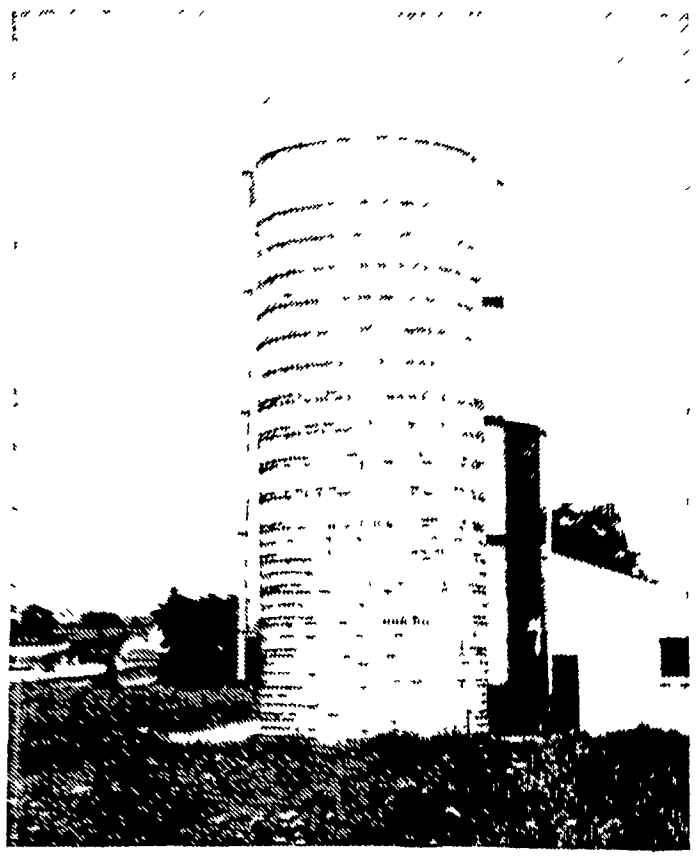

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A Young Dutch Ag Student Tells All About the Cow

Robert Herr, who works with young elmentary school ag students in the vicinity of Garden Spot High School, forwards the following entertaining piece for our Dairy Issue:

There are some excellent essayists among the Pennsylvania Dutch Some develop while quite young The source of the following essay would be more or less obscure, except for the subject matter and its simple analysis

We haven't learned whether the essay was composed at Brecknock School, Lincoln Independent, Hinkletown, Summit Valley, Blue Ball, Union Grove, Churchtown, Western, Conestoga Mennonite School, or Beartown, but the kid who wrote it should have received an A plus It is as follows

Pirds And Peasts

A cow is a mamal

It has six sides, right and left, and upper and lower, and inside and out

At the pack of it it has a tail on which hanks a prush With this prush he shoes the flies away so that they don't fall in the milk

The head is for to grow horns and so that the mouth can be somewhere The horns are to butt with and the mouth is to moo with It has always been that way, I think

And then under the cow hanks the milk It is all fixed nice for the milking Now when people milk, milk comes and it don't never seem to stop (anyway thats what I think) How the cow does it I have not yet realized, but if you ever get around one you will find it makes more and more all the time

Now about the smell and you can smell it far away This is the reason why there should be much fresh air in the country But there isn't so much fresh air now because the city fellows came into the country long ago and pumped a lot of the best air in their automobile tires, so now we all have to get along the best we can

A man cow is called an ox or an oxen Oxen is used to plow with, and to haul wagons with Oxen is mostly a kind of mamel

There is another kind of man cow which is not so good It is called a bull Only Pop is better than a bull, I heard Mom say he throws the bull too much

A cow does not eat so very much, but what it eats it eats twice so that it gets enough It has a couple of stomachs When it is hungry it moos and when it don't say nothin at all it is because its insides are full up with grass or gas

And that is all about a cow

Meet The Cow

The cow is a mobile, animated machine housed in unprocessed leather

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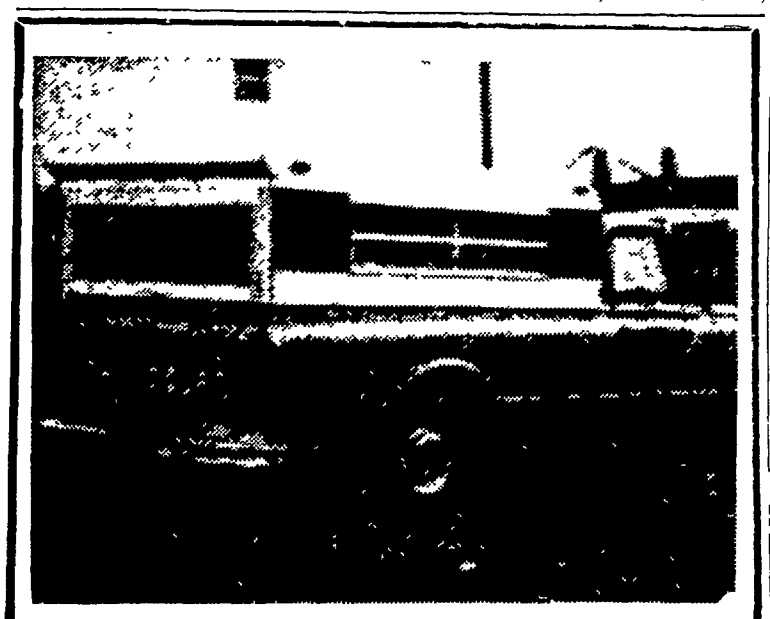
The machine is mysterious and secret, but unpatented and is available in various colors, sizes, and qualities, ranging from one to twenty tons of milk production yearly, at prices ranging from fifty dollars up

Japanese Grow 4 Inches

During World War II, Japanese soldiers in the 18 to 24 age bracket were generally four inches shorter than American servicemen who averaged five feet eight inches tall

Recent studies show that Japanese in this age grouping now average about five feet eight inches

The increase in height is attributed to a better diet



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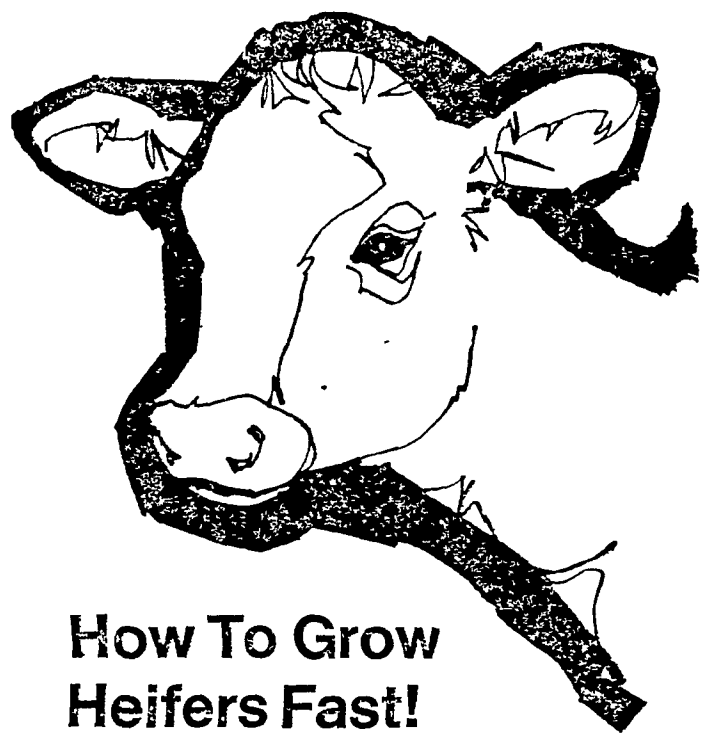

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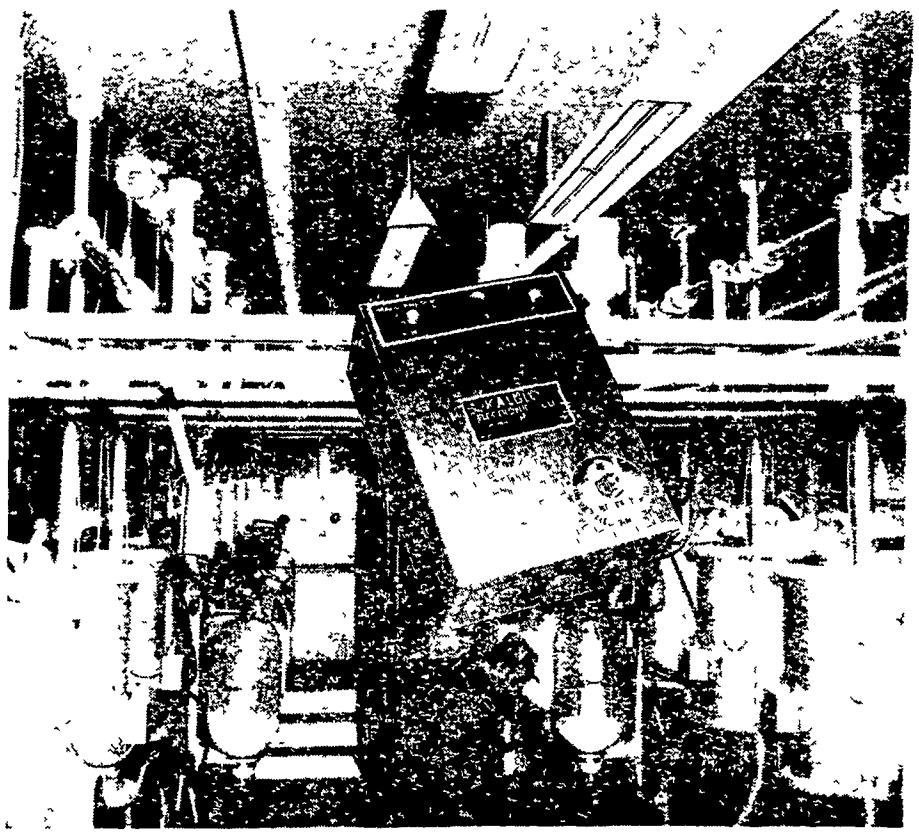

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DRINC Budgets Money For Nutrition Research

A budget of $570,000 for an expanded nutrition research program was approved for 1971 by the Dairy Research, Inc board of directors, it was announced recently by Dr Richard E Farrar, executive vice president.

Of that amount, Dr Farrar explained, $435,000 is budgeted by Dairy Research for Grants-in aid to be administered by the National Dairy Council

These Grants to leading universities and hospitals throughout the country include the following categories. Nutritional Value of Milk Protein; Importance of Milk Fat; Calcium and Phosphorus Nutrition; Nutrition and Health; and Diet and Heart Disease.

A complete report on DRINC-funded projects, totaling 14 in all, was given at the Dairy Research Annual Meeting, April 27 in Chicago, by Dr F. W Speckmann, director of nutrition research for NDC.

Top Meal With Milk

A cup of coffee consumed after a large meal may intensify that full feeling, according to the latest research conducted at the University of Mississippi Medical Center. "Smooth muscles in the digestive tract contract to push food along for the digestive process," researcher Suzanne McFarland says "Caffeine in the coffee weakens the contractions of these muscles."

Muscle contraction depends upon the presence of calcium in the cell, Miss McFarland points out, and caffeine probably interferes in some way with the available calcium.

Best finish up with a glass of milk packed with calcium

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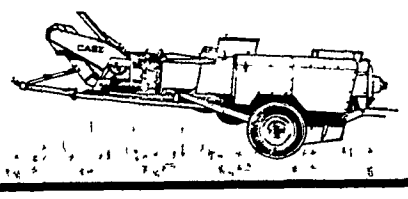

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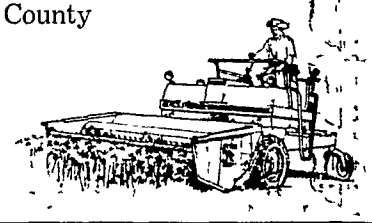

Guernseys

(Continued from Page 27)

Salad: One cup each of seedless green grapes, diced banana, diced fresh pineapple, pitted Bing cherries, diced orange and cantaloupe melon balls, 2 sliced plums, 2 cups miniature marshmallows or 16 large marshmallows quartered.

Combine fruits and marshmallows Fold in creamy dressing Spoon carefully into serving bowl Chill 24 hours to allow fruit and dressing flavors to blend fully Garnish with fruits and sprigs of mint, if desired.

Quickie Dressing 2 cups of dairy sour cream, or more, depending upon desired creaminess, may be used in place of the Creamy Dressing

Note — Creamy Dressing, tightly covered, may be stored in refrigerator several weeks.

SWEET RAISIN BREAD

3 cups milk
1 tablespoon salt
¼ cup Brer Rabbit molasses
¼ cup sugar
2 cups rolled oats
1 cup raisins

Scald milk and add salt, molasses, sugar, rolled oats and raisins Cool to lukewarm.

1 yeast cake
1 teaspoon caraway seeds
1 teaspoon cinnamon
½ teaspoon cloves
½ teaspoon nutmeg

Dissolve yeast cake in one-half cup of the lukewarm liquid and add caraway seeds, cinnamon, cloves and nutmeg.

5 to 6 cups all purpose flour
½ cup shortening, melted

Mix in 2 cups of flour. Melt shortening and add, blending thoroughly Add remaining flour gradually, mixing well after each addition, until you have a soft dough that does not stick to the bowl Turn out on a floured board and knead until dough is smooth and elastic Put in a greased bowl, brush over with melted butter, cover, and let rise in a warm place until double in bulk

Turn out and knead again, this time forming into two or three loaves. Put into greased bread pans, brush with melted butter, cover, and put in a warm place to double in bulk.

Uncover and bake in a hot oven (400 degrees) for 10 minutes. Reduce heat to moderate (350 degrees) and bake 40 minutes longer. Can be iced

YE OLDE DEVILS FOOD CAKE

3 squares (3 ounces) unsweetened chocolate, melted
½ cup boiling water
2¼ cups sifted cake flour
2 teaspoons soda
½ teaspoon salt
½ cup butter
2 cups brown sugar
3 eggs
1 teaspoon vanilla
1 cup buttermilk or sour milk

Combine melted chocolate and boiling water Stir until blended and thick Cool Sift flour with soda and salt. Cream butter with sugar until soft and fluffy. Add eggs one at a time, beating vigorously after each addition Stir in vanilla and cooled chocolate mixture Add sifted dry ingredients alternately with buttermilk, beginning and ending with flour.

Grease two 8-inch square pans and line bottoms with waxed paper. Pour batter into pan and bake in a moderate oven (350 degrees) for 35 to 40 minutes. Cool and frost as desired May also be baked in a 9" x 13" pan.

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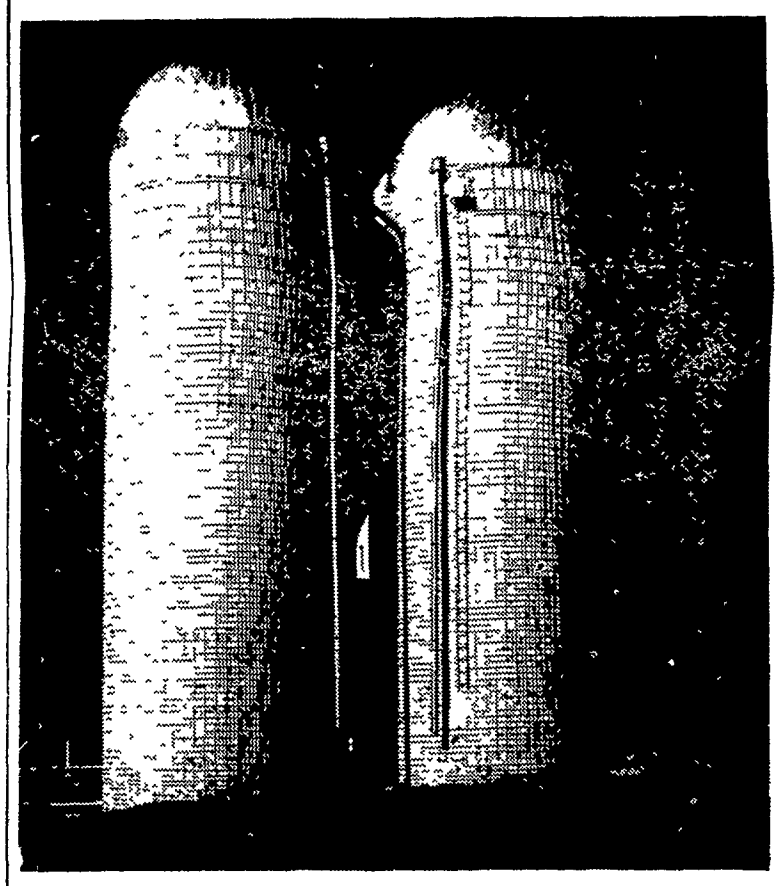

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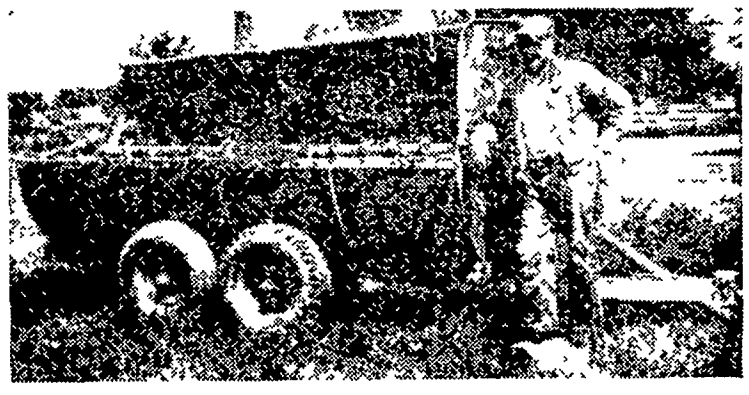

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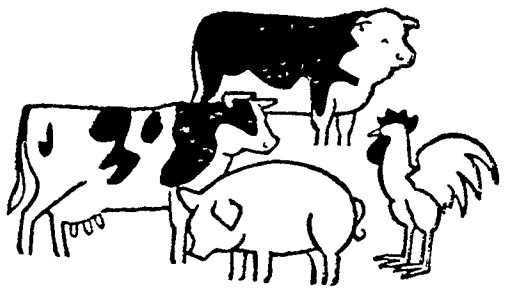
MAKE YOUR NEXT FEED ORDER FROM BROWN'S... 16 ROYAL OR 14 HIMILKER



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(Area Code 215)

LANCASTER COUNTY DHIA MONTHLY REPORT

A Registered Holstein Cow owned by Nathan E Stoltzfus, Gap, RD2, completed the highest 305 day lactation Lois produced 18,787 pounds of milk, 844 pounds of butterfat with a 4 5 per cent test Second high lactation was completed by a Registered Holstein Cow owned by Jay E Landis, Lancaster RD6 Kingpin produced 19,426 pounds of milk, 840 pounds of butterfat with a 4 3 per cent test in 305 days

The herd of Paul B Zimmerman, Ephrata, RD1, had the highest daily butterfat average This herd of 33 0 Registered Holstein Cows averaged 53 2 pounds of milk, 2 22 pounds of butterfat with a 4 2 per cent test The herd of John and H Farrington, Lititz, RD2, placed second This herd of 31 3 Registered Holstein Cows averaged 54 8 pounds of milk, 2 13 pounds of butterfat with a 3 9 per cent test

FIRST 305 DAYS OF LACTATION WITH 600 OR MORE POUNDS OF BUTTERFAT

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Nathan E Stoltzfus						
Lois	RH	7-4	305	18,787	4 5	844
Glenda	RH	3-10	305	17,236	3 9	664
Peg	RH	4-8	305	16,200	4 1	657
Jay E. Landis						
Kingpin	RH	4-7	305	19,426	4 3	840
John M. Harnish						
Bonnie	RH	7-9	305	17,988	4 3	777
Bess	RH	8-2	305	18,269	3 8	700
J. Clayton Charles						
Margret	RH	6-6	350	17,014	4 5	761
Elaine	RH	7-2	305	18,251	3 8	701
J. Mowery Frey Jr.						
Julie	RH	10-10	305	17,062	4.4	759
Patsy	RH	4-8	305	15,914	4.5	713
Paul B Zimmerman						
Rosane	RH	3-8	305	16,681	4 4	742
Lloyd Wolf						
Betsy	RH	6-9	305	22,097	3.3	740
Harry G. Kreider						
Gay	RH	8-2	305	19,007	3 9	740
Mahlon M. Fry						
Jenny	RH	5-1	305	18,263	4 0	734
Ernest J. Sauder						
Star	RH	4-6	305	19,938	3 6	721
Kenneth L Beiler						
Cora	RH	4-2	305	18 899	3 8	719
Milkmad	RH	4-4	305	16,810	3 6	612
J Z Nolt						
Arlo	RH	5-5	305	18,771	3 8	717
Ozzie	RH	7-9	292	16 656	4 2	695
Waka	RH	3-5	284	17 798	3 6	647
Robert & Richard Landis						
Becky	RH	5-7	300	15 703	4 6	716
Joy	RH	4-1	305	16,513	3 7	609
Calvin D Beiler						
Lucille	RH	3-8	305	19,781	3 6	710
Dawn	RH	6-10	305	17,332	3 5	614
Leon S Lapp						
Ann	GrH	4-7	297	19,309	3 6	704
Paul & Esther Farrel						
Miriam	GrH	8-7	305	18 453	3 8	700
Henry & Paul Martin						
Vida	RH	4-6	305	18,922	3 7	699
John A Harsh						
Susie	GrH	9-5	305	18,525	3 8	698
Robert C Groff						
Lora	RH	8-10	305	16,702	4 2	695
W P & J B Bucher						
Reba	GrH	4-4	305	15,406	4 5	692
Henry E Kettering						
Topsy	RH	7-9	305	17,408	4 0	688
Ben S Stoltzfus						
Millie	RH	5-1	305	15,264	4 5	687
Roy H & Ruth H Book						
Dolly	RH	5-3	305	18,533	3 7	683
Melvin Nissley						
10	RH	3-2	305	19 122	3 6	682
Samuel F Long						
Lynn	RH	9-0	305	21,221	3 2	680
Melvin L. Sheitzer						
Dot	RH	9-7	305	16,160	4 2	676
Blossom	RH	3-6	305	16,897	3 7	629
Joseph Eshleman						
Rosene	GrH	4-3	305	16,570	4 1	672
C Robert Greider						
Ethel	RH	6-8	305	17,029	3 9	669
John B Groff						
Kay	RH	5-2	305	17,933	3 7	667
Cletus A Balmer						
Jennie	GrH		305	17,599	3 8	665
Lark	GrH	3-4	305	16,418	3 8	630
Raymond M Weaver						
92	RH	4-9	305	13,427	5 0	665
S. R Shellenberger						
Rhythm	RH	5-8	305	17,252	3 8	663
Ivan Bowman Jr.						
Debby	RH	7-8	305	15,557	4 3	662
E Richard Bruckhart						
Robin	RH	7-6	305	18,389	3 6	660
Robert W Ulrich & Son						
Chris	GrJ	4-3	305	12,034	5 5	660
John U Glick						
28	RH	5-6	305	16,693	3 9	659
Clarence H. Harnish						
Gail	RG	7-7	305	12,984	5 0	654
John S Yost						
Crystal	RH	4-8	305	15,349	4 2	649
Clarence M Murry						
Ladybird	RH	6-6	305	16,415	3 9	648
Noah Kreider & Sons						
209	GrH	5-2	305	15,631	4 1	648
Clair M Hershey						
Flossie	RH	9 4	305	16,111	4 0	646
Earl Smoker						
Penny	RH	5-6	305	18,792	3 4	645
Terry	GrH	3-1	305	14 464	4 4	635
Curtis E Akers						
Lyda	RH	4-6	290	14 484	4 4	643
Prissy	RH	3 4	301	14 636	4 1	600
Luke Ray Zimmerman						
7	GrH	5-2	305	18,157	3 5	641
Aaron S Glick & Sons						
54	RH	5-7	305	16 989	3 8	641
58	RH	8 1	305	14,104	4 5	636

(Continued on Page 41)

Lancaster Farming

Third Section

Facts Dairymen Should Know

By Max Smith
Lancaster County Agent

Don't Delay First Harvest Of Perennial Legumes, Grasses

Dry weather this spring might cause short growth in perennial legumes and grasses But for a high quality first crop and a better second cutting don't hold off first cutting, waiting for more growth

As daylight becomes longer and temperatures increase, perennial plants such as alfalfa and timothy mature, even though total growth is short. Along with maturity goes an increase in fiber and reduced feed value.

Early cut hay is leafier, higher in protein, vitamins and minerals, and lower in fiber than later cut hay. This adds up to forage high in milk making potential and acceptability by cows.

The best time to cut hay is a compromise between yield and quality, together with the health needs of the plants.

The first cutting of alfalfa, for example, is best made when the plants are from full bud to early bloom Red clover and birdsfoot trefoil can be cut at slightly later stages of maturity.

Perennial grasses like orchardgrass and timothy should be cut just as the heads are emerging from the boot.

Delaying harvest after these stages of growth may result in higher yield per acre for first harvest However, the forage is lower in feed value and a second crop may also be reduced

Harvesting at the proper stage of maturity is one of the most important practices in getting high quality hay or silage

(Continued on Page 40)

Zimmerman Will Show Animals, Sell Some, Build Herd Classification

Young East Earl Dairyman Believes in Small, Quality Herd

There is definitely a trend for small dairy operations to become big, then bigger.

At 23 years of age, Loren L Zimmerman, East Earl RD1, has plenty of time to think in terms of a big dairy operation He already has 38 milk cows and about 35 head of young stock including heifers and calves

But Zimmerman isn't thinking big

He's thinking in terms of quality He already has some good registered Holstein cows and he wants to develop more of them

Stating that he doesn't plan to expand a lot in the near future, Zimmerman said he stresses "quality rather than quantity"

He continued, "I think there's a future in a small herd of registered cattle." He said he hopes to get the equivalent of about 25 per cent of his milk check from the sale of animals This would help pay the bills and help make a small herd economical, he explained.

Zimmerman sees another major advantage of staying small. "You get big and get hired help and management efficiency goes down," he said.

By avoiding hired labor, Zimmerman hopes to keep costs down More importantly, he wants to make sure his herd gets the close personal attention it needs to become a quality herd

While Zimmerman's herd average currently is just over 12,000 pounds of milk and nearly 500 pounds of butterfat, he notes that it includes about eight two-year-old animals As these young animals mature, and as some of his older animals are replaced, he expects his averages to go up considerably

He has several one and two year olds which he thinks will make good foundation stock He's looking forward to building from cow families

Already, the animals are receiving good ratings from official Holstein classifiers In last year's classification, he had one Excellent, 13 Very Good, 19 Good Plus, and nine Good

His Norma Ivanhoe Montvic rated an Excellent at 90 as a nine-year-old Her record as a seven-year-old was 20,233 pounds of milk and 795 pounds of butterfat in 320 days. The cow has

(Continued On Page 38)

Zimmerman shows his Excellent cow, Norma Ivanhoe Montvic, in front of his farm sign on Route 23 just East of Blue Ball.

80 Brown Swiss Bulls Tested

Eighty bulls from 43 breeders in 20 states have been entered in the new Brown Swiss Sire Development Program

From this group of potentially outstanding sires, a six-man committee will carefully evaluate the pedigrees and other information on these bulls

The committee will then rank the top 30 and make this select group available to participating artificial breeding organizations

According to Dr Lee Majeskie, Director of Program Development, the Sire Development Program has been well accepted by the A I organizations and most have indicated their support of the program

For each bull purchased by a stud, the A I organizations will pay a minimal fee to Brown Swiss Enterprises, Inc, the marketing service of the Brown Swiss Cattle Breeders' Association responsible for the operation of the program

These funds will be used to partially defray an extensive promotional and advertising campaign for one year on all bulls going into A I service through this breed improvement activity

Marvin L Kruse, Secretary of the National Association, states that the purpose of the program is to sample a larger number of promising young bulls in an attempt to increase the number of outstanding progeny-tested sires in the Brown Swiss breed The Association is proud of the accomplishments which the breed has made in increasing milk production over the years, he said.

Through the new program, the Association expects to speed up this genetic improvement for milk and fat production — even faster than the 2,219 pounds of milk and 97 pounds of fat increase per cow since 1957

Technology Drops Labor

Increased use of farm labor-saving technology was the key factor in a decline in the number of persons in the hired farm working force from 2 6 million in 1969 to 2 5 million last year, according to a report published by the Department of Agriculture

The largest decrease was noted in domestic migratory workers which dropped 24 per cent in 1970 to 196,000 from 257,000 the year before

Members of the 1970 hired farm working force were mostly young, about 23, about 78 per cent were white and 73 per cent lived in nonfarm areas

Millions Market Food

Some 200 million Americans buy food in supermarkets and restaurants

The U S food marketing system is responsible for getting the farm products to the consumers in the desired form at the right time

The system includes some 800,000 firms which employ the equivalent of 5 3 million full-time workers

The processing industry hires 1 4 million workers, the wholesaling industry claims 0 6 million Retail stores hire 1 4 million and eating places hire 1 9 million.

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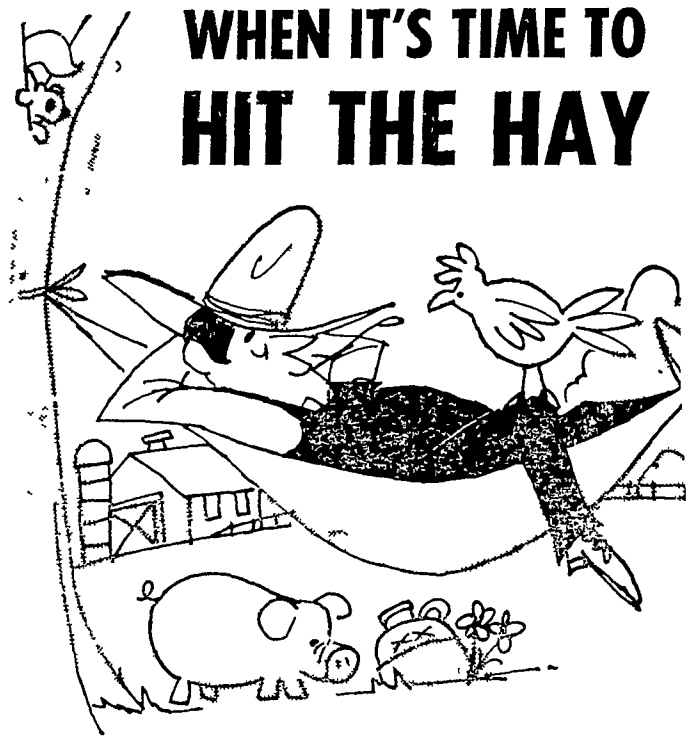
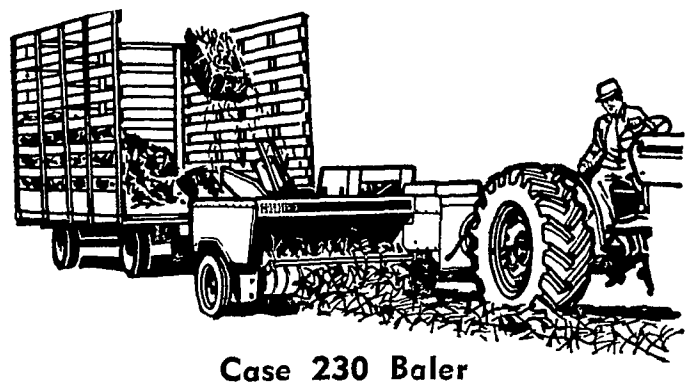


WALTER BINKLEY & SON
has the eye-opening buys



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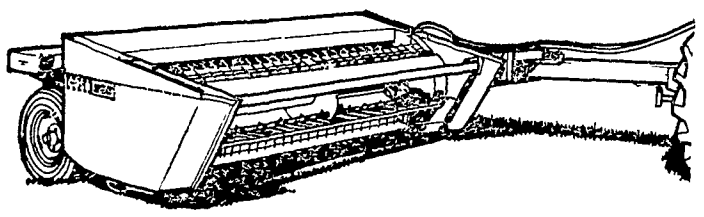

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R. D. #4, Lititz, Pa. Phone 626-2344

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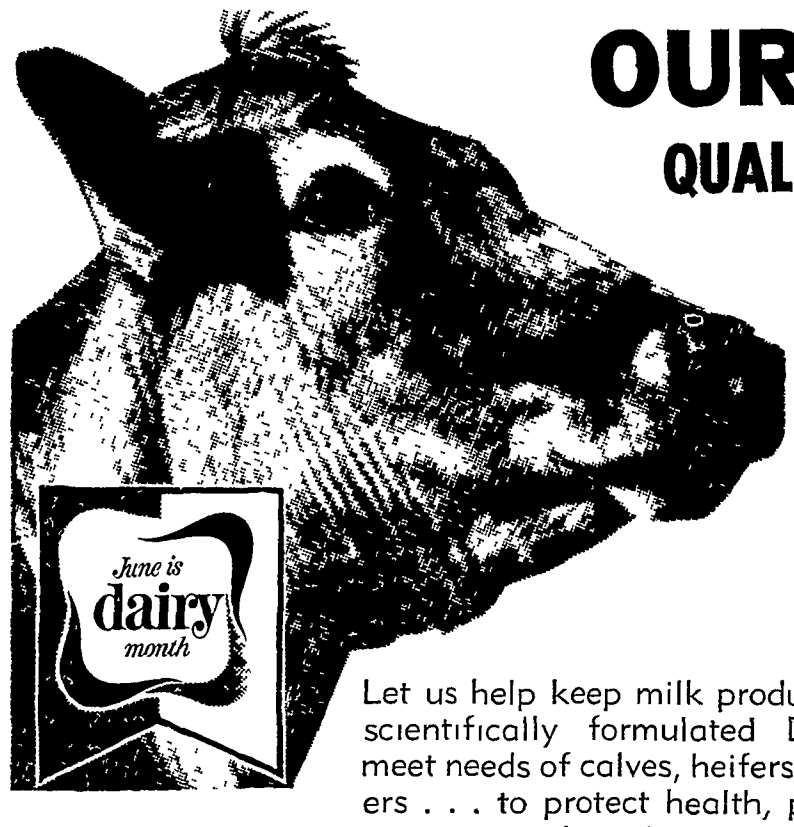
BETTER MILK PRODUCTION



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Field Manager Horace Wanner says:

"We have seen our Farmline business in southeastern Pa. double and redouble then double again in the past 3 years. The news is getting around."

Buy Wholesale Buy McNESS

Phone 215-445-6983

Milk Sales Reach $6.5 Billion

Cash receipts from marketings of milk and cream in 1970 reached a record high of $6 5 billion, according to the Crop Reporting Board

Increased marketings and higher prices were responsible for the increase from $6 2 billion last year

Total Milk Production for 1970 was 117 4 billion pounds, one per cent above 1969 and the first yearly increase in production since 1964

Milk and cream marketed by producers totaled 113 3 billion pounds of milk equivalent, up one per cent from 1969 These marketings consist of whole milk and farm-separated cream sold to plants and dealers, and milk sold directly to consumers

Marketings of whole milk to plants, at 110 3 billion pounds, was above the 1969 quantity

Milk used for all purposes on farms where produced is estimated at 4 1 billion pounds, six per cent less than in 1969 Of the milk used on farms, 55 per cent was consumed in farm households as fluid milk and cream, 42 per cent was fed to calves and three per cent was used for farm churned butter

Fluid grade milk accounted for 73 per cent of all whole milk sold to plants and dealers in 1970, the same percentage as in 1969

What's New?

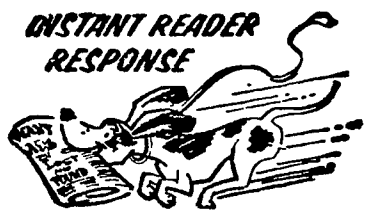
Newest member of Hesston's hay system family is the StakMover 30, designed for use with the StakHand 30 in transporting three ton haystacks from the field to the feeding area, perimeter storage, stackyard, or wherever the farmer wishes, at speeds up to 25 mph

Basic construction consists of five box-type steel beams with powered chains on each beam Chains are operated by a self contained hydraulic motor and move forward and backward for loading and unloading The tilt bed works from tractor hydraulics There is no gear box and no PTO drive shaft

Two standard 11L x 15 tires assure good flotation even in soft field conditions Maximum strength with minimum weight has been engineered throughout the unit

As with Hesston's larger StakHand and StakMover, all operations of the StakMover 30 are handled by one man from the tractor seat He backs the StakMover up to the stack, tilts the rear of the bed down, and activates the loading chains Pointed ends on the steel beams and wide, smooth skid shoes on each beam simplify the StakMover's work as the tractor pushes and the chains pull the unit under the stack Pickup is clean and is accomplished in one minute or less

The StakMover 30 measures 21 feet in overall length with bed dimensions of 8 x 16 feet It is 38 inches high and weighs 1800 lbs Recommended tractor size is 50 HP minimum



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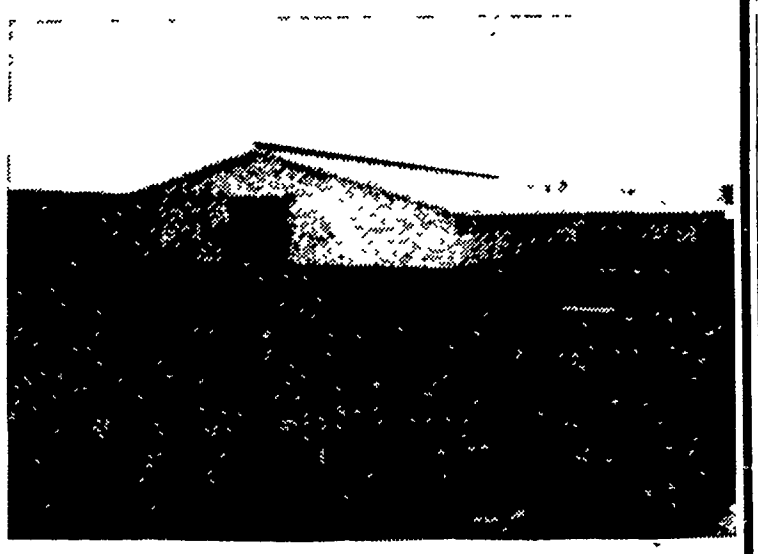

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WE WISH THEM EVERY SUCCESS IN THEIR NEW DAIRY OPERATIONS

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2 extra horsepower at no extra cost!

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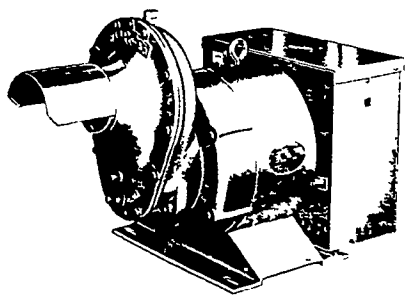

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New Whey Process Eyed

An economical method of processing whey which would reduce environmental pollution and provide additional income to the dairy farmer will be investigated by H P Hood and Sons, Boston, under a contract with the USDA

The two-year, $84,951 contract provides for a study to determine the practicality and economics of a commercial process for fractionating the components and for removing 75 per cent of the moisture in cottage cheese whey

Only one-third of the 22 billion pounds of whey produced annually in the U S goes into the making of human and animal food The rest is discarded as waste since the labor and expense involved in its collection transportation and processing make its use uneconomical

Margarine Output Up

The National Association of Margarine Manufacturers reports that total 1970 production of margarine rose to 2,233 7 million pounds, up almost seven per cent from the 2,181 9 million pounds produced in 1969

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Our free stall partition may be mounted on wooden head boards or we make a steel divider Set the legs in 8 to 10" concrete curbs to hold and retain bedding. Stall floor can be soil, sand or gravel Bedding — straw, sawdust, peanut hulls, ground corn cobs, etc Should be installed with paved alley surface 8 feet wide for mechanical cleaning or washing.

- 8 Models all steel welded farm and feedlot gates
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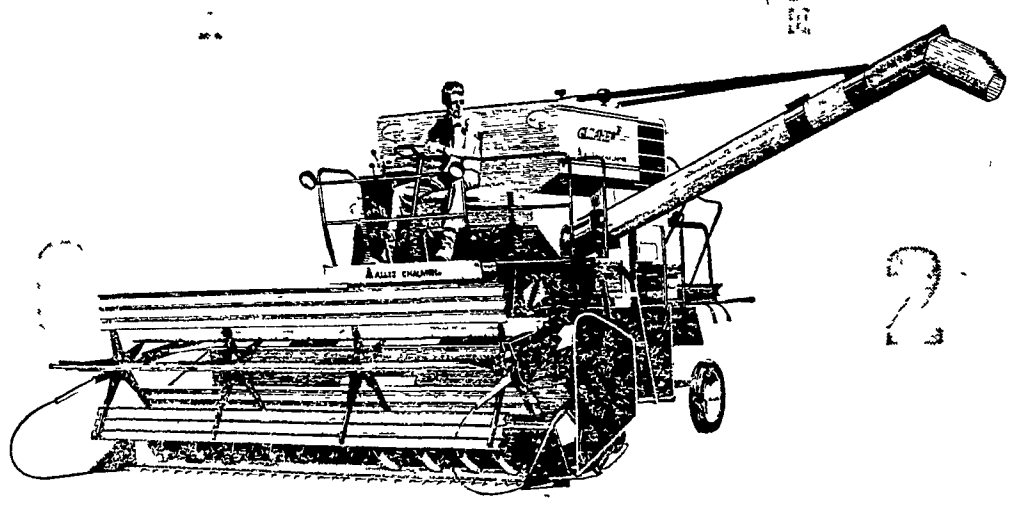

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York Calls for Keeping U.S. Ag Department; $1 Milk Hike

The General Manager of Eastern Milk Producers Co-operative recently dispatched a telegram to the President of the United States urging him to maintain the United States Department of Agriculture and retain a Cabinet member representing that Department

This telegram was to be brought before the President at his White House Agricultural Dinner May 7.

Mr York's telegram contained the following message "Eastern Milk Producers Co-operative Association, Inc, a major dairy farmer organization of the Northeast commends you for holding Agricultural Recognition Week and wishes to impress upon you the need for maintaining the U S Department of Agriculture as well as a Cabinet member to the President of the United States to represent agriculture.

"The economy of the United States as well as the world over is directly related to the economy of agriculture Consequently, agriculture should have and hold an important voice in the policy directions of major economic decisions of our country. Without a Cabinet member representing agriculture, such voice would be eliminated

"The need to update the budgetary cost of the Department of Agriculture by removing those expenditures now assigned to agriculture to agencies that are not directly related to agriculture, where logically these costs should apply, can be achieved and should be achieved without eliminating the Department of Agriculture The great wisdom of those before us in establishing a Department of Agriculture should not be scuttled to expedite the wishes of those who are seeking unjustifiable changes A nation without agriculture is a nation without a future"

To relegate the Department of Agriculture to nothing more than a consumer oriented and controlled tool would cause a calamity in our rural areas and thus promote a shortage of fresh agricultural products as the end result in the not-to-distant future, York said

York said his interest in the welfare of farming is largely applied to the interest of dairy farming in the Northeast, largely because of the importance of dairy agriculture in this region This section of the country represents a multi-million dollar dairy industry in gross value of milk marketing

Perhaps the single most important problem that agriculture in this area is facing is the cost of milk production.

Inflationary pressures are shooting production costs up at a rate of six per cent per year. These increases in producer costs must be reflected in prices that producers are to receive if dairy farmers are going to remain in business and an adequate supply of pure and wholesome milk is to be produced.

To maintain this proper equilibrium between cost and price, Eastern Milk Producers Cooperative has urged an increase of $1 per hundredweight in the price of milk to producers This program went into effect early in March, part of which has already been accomplished when the Secretary of Agriculture increased the level of the support prices from 80 5 per cent to 85 per cent of parity, effective in April

However, in the last analysis, farm milk prices must be tied to an escalator formula that will reflect — (1) Local changes in cost of production, (2) Local consumer's disposable income; (3) General economic conditions, according to York

Through the application of such an economic formula the dairy industry will share in the President's optimism as to the future economy of the country, he said

Unless such an economic escalator formula is provided for farm milk prices, York said, any increase in the economy level could reflect higher increases in the cost of production without compensating increases in the income of milk producers and would inevitably work a hardship on the dairy industry.

Home Ec Curriculum Takes Look at Family

Meal planning and table setting are no longer part of the home economics curriculum at Southern Illinois University

Since Thomas M Brooks was appointed SIU dean of home economics, a re evaluation of the department's purpose has been speeded up.

'Our focus should be on the family as the basic unit in American society," Brooks says. 'That is where decisions about location, employment, housing, consumer selection are made

'The family is where the cultural values are transmitted to the children We now know that even decisions about nutrition, made in the family, determine ... infants ability to learn throughout the rest of his life."

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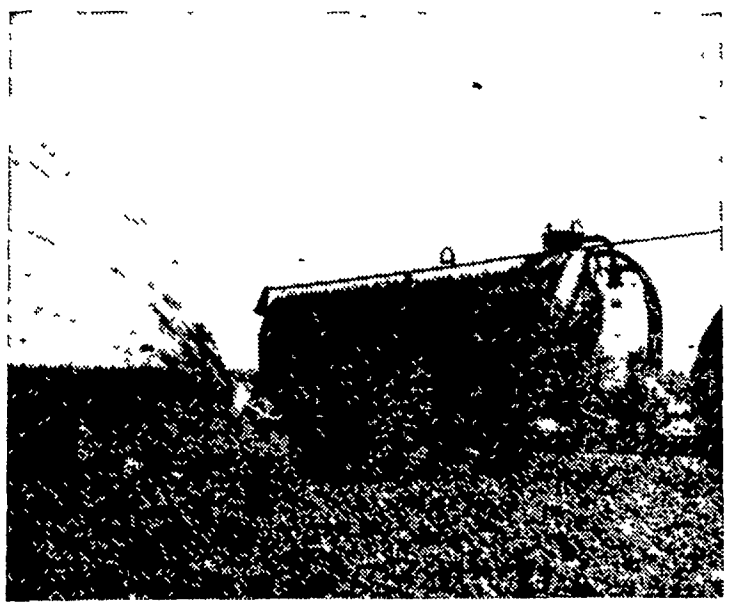

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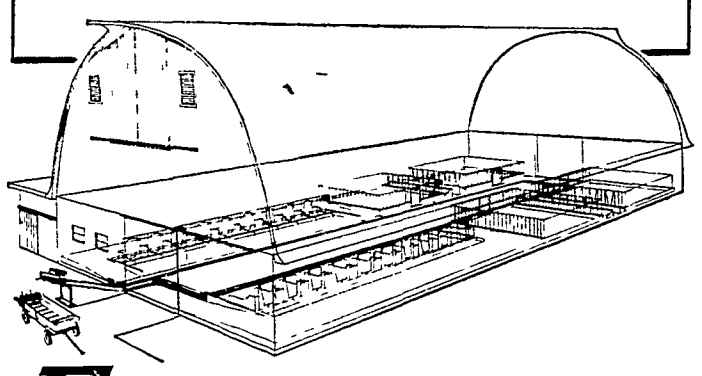

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Young East Earl Dairyman Believes in Small, Quality Herd

(Continued from Page 33)

over 100,000 pounds of milk lifetime, and a son at ABS under the Young Sire Program

The herd includes four animals producing over 20,000 pounds and about 10 others in the 15,000 to 20,000 range

He has a red and white Holstein calf

Because of the interest of his father, Martin Zimmerman, in Ivanhoe, the herd includes eight Ivanhoes Loren has operated the farm for the past year and a half

Zimmerman does all his own breeding, all AI He went to Chicago for 10 days to Curtiss AI training school to learn the technique

Zimmerman enjoys showing his animals and plans to move in this direction He thinks it's "good to get out with other breeders and see how you size up with them You can learn a lot too," he adds

Zimmerman's operation includes 75 acres at home and this year he is renting about 55 acres At the home farm, he has about 35 acres of corn, 25 of alfalfa and about 15 of pasture On the rented land, he has all corn except for about six acres of hay

He says he rents the land because he needs the feed He averages about 135 bushels of corn to the acre

He uses a haylage and high moisture corn program, although he has some corn silage and baled hay He feeds some protein when on corn silage He bales his second cutting of alfalfa and puts the first, third and fourth cuttings in the silo

Feeding by hand, he feeds 40 to 45 pounds of high moisture ground ear corn supplemented with 22 per cent protein mix that includes barley and concentrate He cuts back on protein when using haylage

His wife, the former Helen Eckman of Strasburg, helps a lot, particularly with the lighter work involving the calves and feeding cows and heifers She's also the operation's secretary

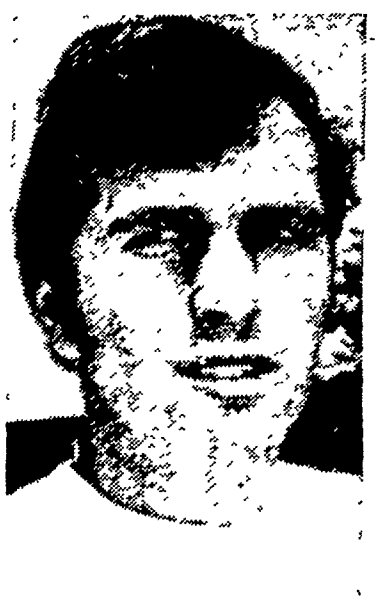
Zimmerman's off-the-farm activities include membership in the Lancaster County Holstein Breeders Association and a member of the Lancaster County Black and White Show committee He is president this year of the Garden Spot Young Farmers Association and was previously vice president for two years

Looking to the future, he is basically satisfied with the present operation, although he would eventually like to change from his Surge electric pulsator milking system to a pipeline milking operation This is the only significant change he anticipates for some time

His goal is to have his stalls full of Excellent and Very Good cows

And to keep it small enough so he and his wife can handle it with no more than part time help

He thinks there's a good future for this type of operation.



Loren Zimmerman Will Stress Quality

Loren and his wife Helen go over the farm records. Besides helping with the dairy work, she's the farm secretary.

Zimmerman shows some of the heifers which he hopes will continue to upgrade the quality of his herd in the future.

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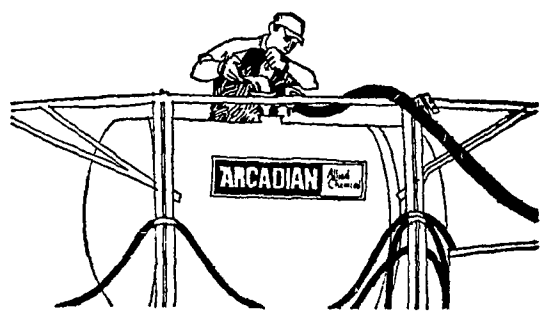

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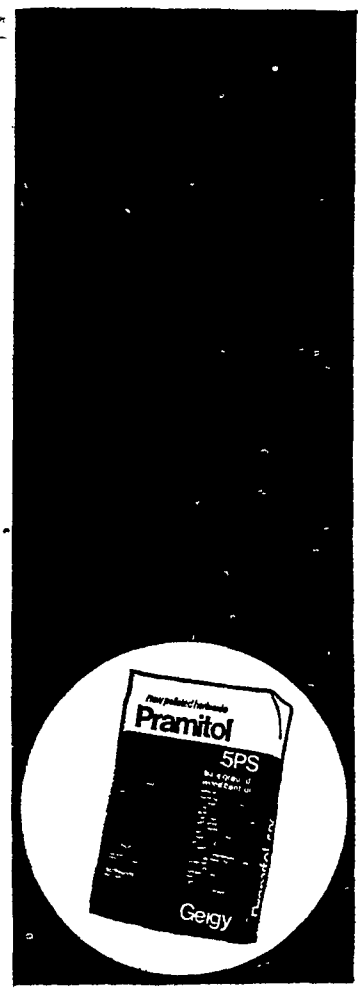

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National Dairy Council Increases Producer Membership on Board

The National Dairy Council Board of Directors meeting at the Regency Hyatt House, Chicago, May 5 and 6 was highlighted by the decision to increase the NDC Board from 50 to 60 members and to make the 10 additional seats available to producers, it was announced recently by Lorenzo N Hoopes, NDC Board Chairman

This change was prompted, Mr Hoopes noted, by the Board's recognition "that vast changes have occurred in the dairy industry, including a greater participation by producers in the marketing of milk and milk products," thus making it "appropriate to give recognition of that increased interest by affording a greater producer participation on the Board"

In another Board action, a 10 per cent increase was voted in membership dues for processors and handlers and equipment and supply companies, and an increase in the minimum dues for these groups

The Board also reaffirmed National Dairy Council's reliance on the United Dairy Industry Association as the source of producer funding of the NDC program

Noting the recent acceleration of the diet-heart controversy and the increasing publicity given to omitting certain dairy foods from the American diet to prevent coronary heart disease, the Board put a high priority on the need for the funding, through UDIA, of action programs that will enable NDC to more "aggressively disseminate positive information on the role of milk and other dairy foods in the American diet to opinion leaders, the scientific and medical communities, and to the general public"

The NDC Board also stressed the importance of preserving the separate identity of local affiliated Dairy Council units to enable them to achieve maximum effectiveness in their nutrition education and communications programs and "to maintain the highest possible level of credibility with educational, professional, scientific, governmental and consumer leaders"

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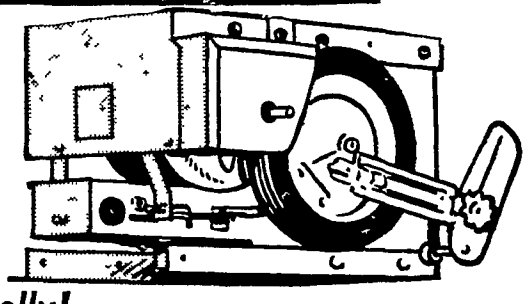

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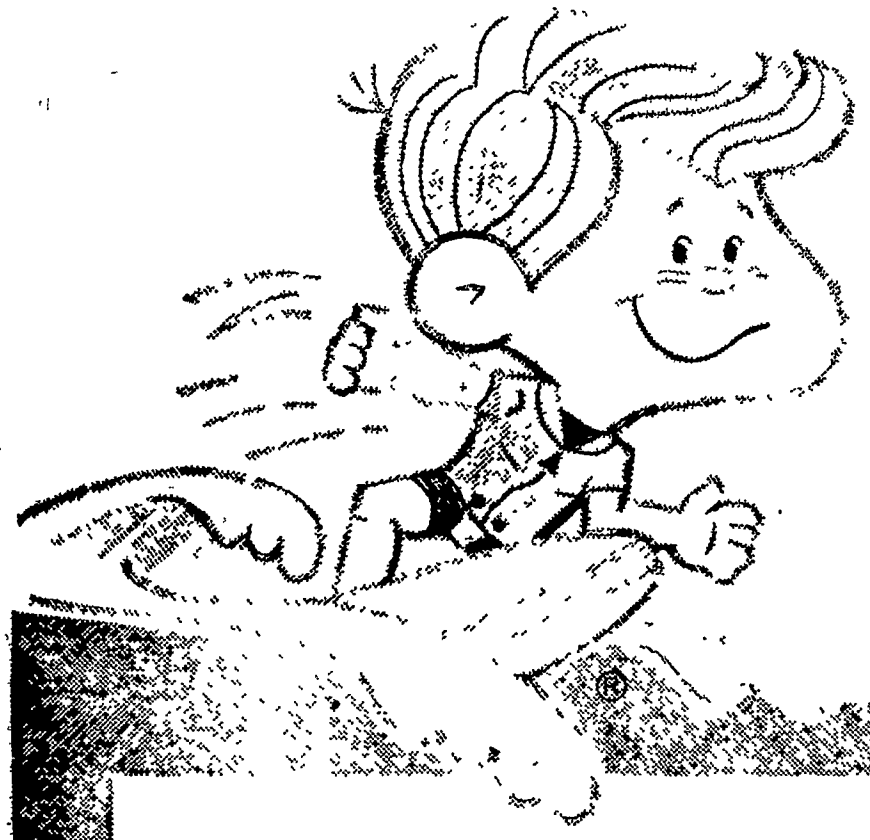

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Facts Dairymen

(Continued from Page 33)

Start Fly Control Now

The fly season is fast approaching and proper fly control soon can prevent a drop in milk production.

Ideal breeding places for flies can be found under feed bunks, hay mangers, calf pens and any other place where manure might not be removed by the scraper.

Backrubbers are effective in controlling flies This method requires little labor since dairymen only need to recharge the backrubber every two to four weeks.

You should put the back rubber where the cows are forced to walk under it once or twice a day. The exit lane of the dairy barn is an ideal location for the backrubber Burned motor oil or kerosene should not be substituted for diesel fuel.

Recommendations and suggestions on control measures include the use of a residual wall spray using Baytex or Cygon or Korlan All animals should be removed and feed and water equipment covered Read and follow the instructions on the container.

Dairymen should start a fly control program immediately — before the fly build-up takes place Good sanitation practices are very important at all times; keep the barn and the premises clean

Roll Bars On Tractors Help Stop Injuries, Deaths

Seven-tenths of a second isn't very long. But, that is all the time available to a farm tractor operator whose unit has started to rear backwards under full throttle.

Within that time, you can still de-throttle your engine to stop rearing. Beyond that fraction of time, there is no stopping the rearing and ultimate upset.

And unless the operator is thrown clear, or can possibly jump clear, he is pinned or crushed to suffer serious injury or death.

Of a national annual toll of about 1,000 lives because of tractor accidents, some 600 are due to tractor overturns. Many of these fatal accidents can be prevented through the exercise of sensible driving practices.

Sidewise upsets occur when tractors are driven too close to ditches, holes or embankments.

Backward flips occur when tractor-implement hitches are set at a point higher than the center of the rear axle, or when the load exceeds the tractor's power to move it. At such times the tractor employs its own power to create the rearing and backward flipping motion.

Dealers often find it difficult to sell safety promotion attachments for tractors That is because the tractor buyer, before he accepts the offer, dislikes identifying himself as the victim of a potential accident and as the cause of it This, he is reluctant to do.

A roll-over bar, sometimes called a protective frame, can be designed to serve as a crush-resistant cab to provide operator comfort. But its primary purpose is to protect the operator from serious injury in the event the tractor tips

Many capsized tractors can be prevented from tipping more than 90 degrees if they have roll bars to stop them. "Many a tractor operator was spared serious injury because he was strapped into the tractor seat when a roll bar bore the weight and bulk of a tractor that reared and fell over backwards." Safety specialists estimate the yearly toll of 600 lives lost to overturns can be reduced by some 450 through the use of roll bars.

Pasturing Young Stock

Calves and yearling heifers sometimes get a bad case of pasture blues Here are a few simple rules that will guard against bovine depression:

(1) Fresh air, sunshine and new grass are good for any animal of any age. However, calves under a year of age on pasture should be fed grain and hay just as if they were in the barn, no matter how good the pasture. Their growth pattern will nearly stop without access to dry feed.

(2) Animals over a year of age should grow well on pasture as long as ample grass is available. When the pasture supply is affected by drought or too many animals per acre, it will be necessary to provide hay or silage and possibly some grain to keep animals growing.

(3) Always provide a free choice calcium phosphorus supplement such as Dicalcium phosphate plus trace mineral salt in a two compartment feeder.

(4) Be sur animals have enough water to drink.

(5) It's best not to pasture young animals with older bred heifers, dry cows or the milking herd.

(6) Be sure there is shade available. You can build artificial shade by stretching snow fence on top of 8 to 10 foot high posts.

(7) Be aware of possible parasite problems. If you suspect parasites, check with your veterinarian on control measures.

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Hinged bottom model Chik-Eze includes egg tray which can be put into use at 10 weeks.

This feature will actually permit birds to be kept in the start/grow cage at full laying age if necessary It also eliminates problems of egg gathering and egg breakage if circumstances delay movement of pullets to grow/lay or permanent lay cages, and it takes care of eggs from birds that lay prematurely The lowered floor provides a 2 inch gap for eggs to roll out onto tray

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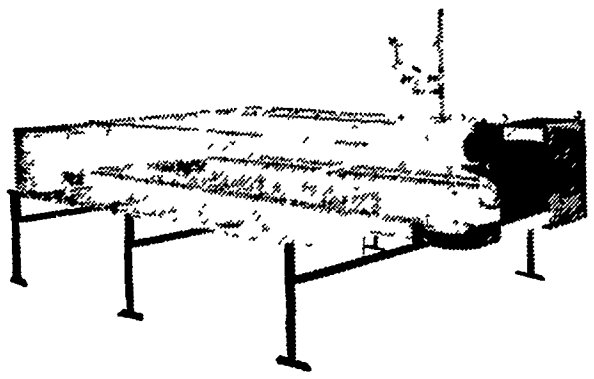

. . . offers durability, economy, performance and practical labor saving features that increase management efficiency. The heart of the system is the Big Dutchman chain and trough feeder providing 96 inches of feeding space per cage. There is full availability of all the feed to all the birds. All feed is automatically recirculated and remixed, resulting in better feed consumption.

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DHIA MONTHLY REPORT

(Continued from Page 33)

Owner - Name	Breed	Age	Days	Milk	Test	Fat
James W Bowman						
Cherie	GrH	4-3	305	15,213	4.2	640
Heidi	RH	2-10	305	15,161	4.2	635
Earl L Hershey						
162	RH	2-8	305	18,374	3.5	638
LeRoy K. Stoltzfus						
Salley	RH	9-4	305	17,888	3 6	638
H. Hostetter & W. Eby						
Dill	RH	3-8	305	15,271	4.2	638
Ivan Zook						
3	GrH	2-0	305	17,595	3.6	636
Nathan G Stoltzfus						
Posch	RH	3-9	305	14,788	4.3	635
Emanuel S Smucker						
Henriet	GrH	8 2	305	15,896	4 0	634
Allan R Shoemaker						
Lucy	RH	3-3	297	13,711	4 6	632
Carl L Martin						
Starlet	RH	3-7	301	17,656	3 6	629
Babette	RH	4-8	305	19,046	3 2	614
Aaron B Lantz						
Susie	RH	4-4	305	16,066	3 9	628
Harry H Ranck Jr.						
Lou	RH	6-11	272	15,579	4 0	625
Hope	RH	7-9	305	17,184	3 5	607
Edwin J Landis						
Tillie	RH	6-7	305	14,715	4 2	622
Fred Crider						
Cora	RG	8-9	305	14,176	4 4	621
Albert H Mellinger						
Winnie	RH	5-11	305	13,643	4 5	620
Romella Farms						
Gene	RG	3-9	305	13,169	4 7	617
Glenn C Hershey						
Faith	RH	3-8	305	17,673	3 5	616
Ellis R Denlinger						
Royal	RG	6-0	305	12,681	4 8	615
Alvin J. Stoltzfus						
Green	Mix		305	16,995	3 6	613
Russell S Shoop						
18	RH	5-6	283	16,013	3 8	611
Elam P Bollinger						
Pansy	RH	8-9	305	15,922	3 8	610
Quelletal Farm						
Ann II	RH	3-10	304	15,951	3 8	609
Carl G Troop						
Twilite	RH	3-10	305	15 522	3 9	607
Kreisle & Lehman						
Tracey	RH	3-6	305	16,240	3 7	606
Edwin K Wise						
Bonnie	RH	3-7	245	14,316	4 2	606
William Guhl						
6500	GrH	5-5	305	13,653	4 4	605
John L Landis						
Horn 23			305	14,708	4 1	604
Roy B Stoner						
Whity	GrH	4-6	301	16,388	3 7	603
Paul E Martin						
Beauty	RH	6-4	305	14,792	4 1	603
Edgefield Farms						
Kate	GrH	6 6	305	14,200	4 2	603
Samuel F. Sauder						
Jewel	RH	5-8	305	13,136	4 6	603

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
Paul B. Zimmerman	RH	25	33.0	89 0	53 2	4 2	2 22
John & H. Farrington	RH	33	31 3	97 0	54 8	3 9	2 13
Amos E King Jr.	RH	34	28 7	94 6	57 9	3 6	2 11
Leon S Lapp	RH	33	29 8	98 1	54 0	3 8	2 04
John S Yost	RH	28	34 2	95 9	48 3	4 2	2.04
Levi M. Stoltzfus	R&GrH	36	23.4	99 8	54 4	3 7	2 01
John A. Harsh	R&GrH	35	34.1	91 4	52 3	3 8	2 01
Henry E Kettering	RH	30	52 1	96 4	49 7	4 0	2 00
Albert E Fry	RH	33	29.9	97.9	52 1	3 8	1 99
Ezra M Martin	RH	28	40 8	95 4	46 5	4 2	1.97
J. Harold Musser & Son	R&GrH	32	47 4	87 8	48 8	4 0	1 97
Dale E Hiestand	RH	27	31.4	89 5	49 4	4 0	1 96
Ben K Stoltzfus	R&GrH	29	28 1	92 4	52 0	3 8	1 95
Kenneth L Siegrist	GrH	30	30 5	97 7	49 3	3 9	1 94
Edwin K Wise	RH	29	27.7	90 9	51 5	3 7	1 93

State Grange Master Salutes Dairy Industry

Pennsylvania State Grange Master A. Wayne Readinger recently made the following "Salute to Dairy Industry" in the Grange News:

June is dairy month and while we feature milk we salute the Dairy Industry of our State

Pennsylvania dairy farmers set a new record for milk production in 1970 with an output of 7,116,000 pounds or more than 3 3 billion quarts representing more than 6 per cent of the United States total Pennsylvania had an increase of 1.7 per cent despite our growing suburbia ,while the surrounding states had a decrease in milk production in 1970

While consumption of dairy products including milk has been on the decrease in the past few years, why not have a dairy supper and dairy program in every grange during the month of June, promote the Grange, the dairy industry and Agriculture.

Dry Milk Is Praised

The American dry milk industry was praised recently by Assistant Secretary of Agriculture Richard Lyng for its success in adapting to economic change and the needs of consumers

"The increased use of nonfat dry milk over the past 20 years is the result of improvements in quality and merchandising as well as of a greater consumer awareness of the value of dry milk in providing protein, vitamins and minerals," Lyng says. "Consumers know this is a great food product"

Lyng pointed out that most dry milk is used for further food processing, but the proportion sold packaged for home use has risen sharply in recent years and the Department of Agriculture used nearly 139 million pounds of dry milk in fiscal year 1970 in its Commodity Distribution Program for schools, needy families and institutions

All of this milk is now fortified with vitamins A and D and three-fourths of it is now instantized.

You can still get weeds in corn with

AAtrex plus oil

For fast kill of weeds that are up, apply AAtrex plus an emulsifiable crop oil.

AAtrex and the oil knocks down 1½" high weeds. And then AAtrex keeps weeds out for the rest of the season.

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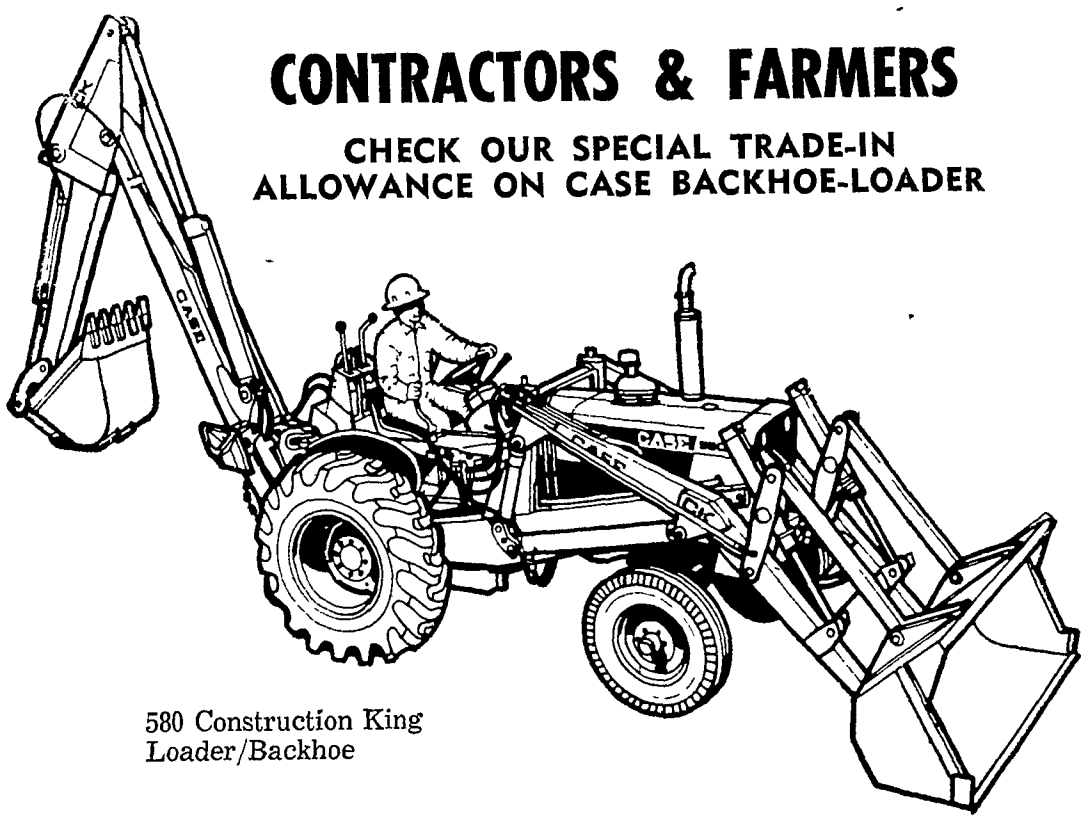

580 Construction King Loader/Backhoe

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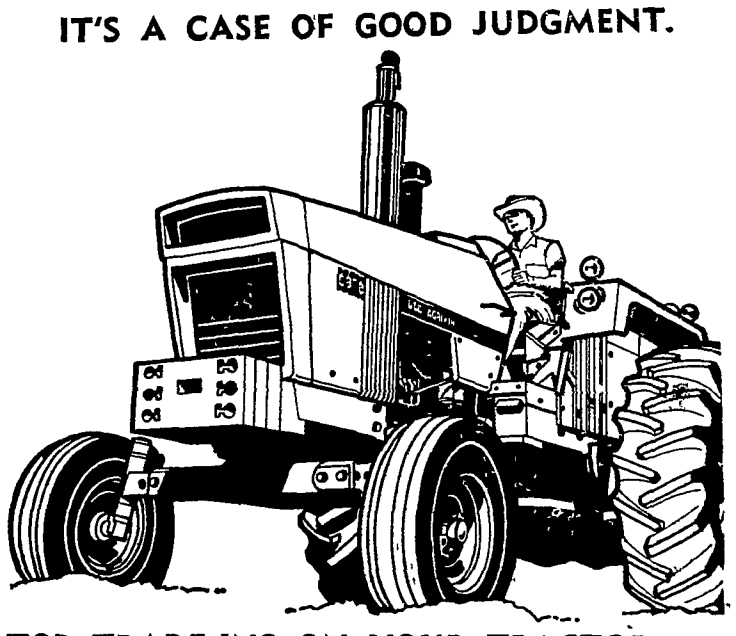
IT'S A CASE OF GOOD JUDGMENT.



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CASE Sales & Service

But Dr. Watrous Warns of Recent Dock Pick-Up Practices

Milk Dating Not Needed, No Substitue for Quality

Quality of milk can be maintained best by proper pasteurization and storage at temperatures low enough to restrain the growth of bacteria, a dairy scientist at Pennsylvania State University stated recently

Discussing current efforts by some consumer groups to develop milk dating regulations, Dr George H Watrous said age of milk is not a measure of quality as indicated by milk flavors or bacterial counts

Speaking at a meeting of the Pennsylvania Approved Dairy Laboratory Directors Association, Dr Watrous said experiments with storage temperatures indicate quality should be measured at the point of sale All pasteurized milk and milk products must be maintained at 45 degrees Fahrenheit or lower, as prescribed by state law, he pointed out

He suggested that quality tests and standards could be updated He also recommended the use of regulated inspection of sales facilities And he emphasized the importance of insuring low temperatures during delivery to stores and in retail cases

Before the milk leaves the processor, modern pasteurization methods have destroyed all harmful bacteria in raw milk, he affirmed

Dr Watrous and associates at Penn State have published findings from a study of milk dating. They observe that milk dating, to insure good quality, is a poor substitute for proper pasteurization, freedom from contamination, and retail storage at temperatures low enough to inhibit the growth of harmful organisms

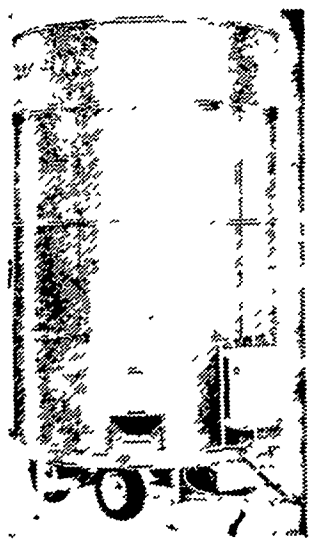
No studies show any evidence that milk dating, or coding, benefits the public health Dating of milk may, in fact, discriminate against milk quality by implying deterioration that has not occurred

Recent changes in sales practices in Pennsylvania permit so-called dock pick-up of milk by sales agencies While probably justified on a cost basis, this sales method tends to lose control over quality, Dr Watrous said. No returns are permitted to the processor and milk may be on sale for longer periods than desirable

Such procedures could create pressures to develop milk dating, he observed

BUTLER

KAN-SUN



Continuous Flow Grain Dryer

Choose from 5 models to match your harvest rate. Capacities vary, by model, from 183 to 435 bushels per hour.

Farmill Construction & Repair

Gordonville, Pa. 17529
Phone 717-768-8796

STOCKER & FEEDER SALE

FINAL SALE:

JUNE 11, 1971 - 7:00 P. M.

For consignments and information, contact:
Kenneth Hershey, mgr.
(717) 768-8204

Vintage Sales Stables, Inc.

P.O. Box 100, Paradise, Pa.

● 10 Miles East of Lancaster, Pa. On U.S. Route 30 ●

NEXT WEDNESDAY, JUNE 9

AT 8:00 P.M. EDST

Will Sell

100 to 150 HOLSTEIN STEERS

Weighing from 600 to 800 lbs.

Local acclimated cattle.

Sale to be held in the sale arena at the Aberdeen Sales Co. in Churchville, Harford Co., Md., located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md. (via U.S. Rt. 40 or Kennedy Highway).

For further information, contact

Aberdeen Sales Co.
Livestock Auction Market
P O Box 371
Aberdeen, Md 21001
Phone· 301-734-6050

At Night: 301-734-7105
734-7978

MARYLAND

HERD DISPERSAL

WEDNESDAY, JUNE 9, 1971

AT THE

New Holland Sales Stables

47 HEAD HOLSTEINS 47

This herd consists of 8 fresh, 7 springers, 15 due from July to November. Balance in full flow of milk.

These cows are large in size, good type, and showing lots of dairy quality. Shipping 2200 lbs. milk every other day with a 3.9% butterfat test.

Special Mention — One Osborndale Ivanhoe Purebred due in July.

Farmers — — If you need milk it is in this herd. Selling due to farm being sold.

Consigned by Glenn Fite
717-786-2750

Public Auction

60 Registered And Top Grade Holstein Dairy Cattle

Sale to be held in the dairy barn arena at the Aberdeen Sales Company in Churchville, Harford Co., Md., located on Md. Rt. 22, 6 mi. east of Bel Air, Md. (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md. (via U.S. Rt. 40 or Kennedy Highway) on

FRIDAY, JUNE 11, 1971

8:00 P.M. EDST

This sale features 30 head of Canadian cows and heifers; most of which are fresh or close springing. A local farmer will sell 20 head of springers due to freshen in July and August. Other consignments available. This is a top quality group of cattle. Plan to help yourself by purchasing one or more of these fine animals.
All cows T.B. Accredited, Certified Bangs Free and tested within 30 days of sale. Freshening dates, breeding and due dates and milk weights will be available.

TERMS: CASH

ABERDEEN SALES COMPANY
Sale Managers
Phone: 734-6050
Night: 734-7105 or 734-7978
Area Code 301

PRIVATE SALES DAILY

FLYING HORSESHOE RANCH

Machinery Dispersal

Comstock Bros., Morris, Penna.

As we are selling our Ranch and returning to Arizona, we will sell our entire line of Farm Equipment on Tuesday, June 8th beginning at 12:00 Noon. Located 16 miles from Wellsboro, Penna. and 40 miles From Williamsport, Penna. Flying Horseshoe Ranch Farm Sign is on Route 414 just 2½ miles east of Morris, Penna. and 7½ miles west of Liberty. Turn south at the farm sign and go 1½ miles to the Ranch.

FARM EQUIPMENT

A.C. D-14 Tractor w/Cultivator; Massey Ferguson 65 Dieselmatic Tractor; 656 Int. Diesel Tractor w/Cab; 62 J.D. Crawler 1010; Case 1537 Uni-Loader w/Manure Scoop and Fork; A.C. 500 4-Row Corn Planter; Gehl 2-Row 600 Chopper w/pick up head; Brillion Transport Cultipacker; 3-Pt. Hitch I.H. 4-Bottom Plows; 2 Grove Self-unloading Wagons; Kasten Unloading Wagon - New.

N.I. 30' Elevator; J.D. Mow Elevator; N.H. Mow Elevator; N.I. 208 Spreader; N.I. Spreader; N.I. Haybine; Calhoun Speed Spread Fertilizer Spreader; Pittsburg Tandem 10' Disc; N.I. Cut/Ditioner; J.D. F.B. 3 Disc Drill; Gehl Hi-Throw Blower; J.D. 12' Harrow; Brillion 20' Harrow; Harrow.

Roskamp Grain Roller Mill; 4-Bottom I.H. Plows; Side Delivery Rake; Ford Mower; 3 J D. Hay Wagons; J.D. Hay Fluffer; Rosenthal Corn Husker & Shredder; Wetmore 858 Grinder-Mixer; Gehl 900 Recutter; 3-Pt. Hitch Blade.

66 F 700 20' Flatbed Ford Truck (cab over); 65 Volkswagen Bus; Tandem Wheel Stock Trailer; 2-Wheel Stone Wagon (Dump); Gehl Unloading Blender Box (like new); Lime Spreader; Post Hole Digger; Feeders and Oilers.

Quantity of Small Tools and Equipment not listed.

SKYLINE 30 x 8' FURNISHED HOUSE TRAILER
(one bedroom)

This machinery is in excellent condition, a lot of it like new. It all must be sold as the Comstock Bros. are leaving this area.

THE RANCH AND 150 HEAD OF CHAROLAIS CATTLE ARE FOR SALE AT PRIVATE TREATY

Lunch will be served by the
Nauvoo United Methodist Church

FLYING HORSESHOE RANCH
COMSTOCK BROS., OWNERS
Morris, Penna.
Phone: 717-353-7201
Ronald D. West, Sale Manager
Robert Shaylor, Auctioneer
Robert Slingerland, Clerk

If you are interested in any further information about the above sale or if you would like to have an Auction or sell your Personal Property outright, call Ronald D West Phone: 717-724-1989 or write to R.D. #1 Mansfield, Penna.

Public Sale Register

TUES. JUNE 8—12 Noon Flying Horseshoe Ranch Machinery Dispersal located 16 miles from Wellsboro, Penna and 40 miles from Williamsport, Penna Flying Horse Shoe Ranch Farm sign is on Rt 414 just 2½ miles east of Morris, Penna and 7½ miles west of Liberty. Turn south at the farm sign and go 1½ miles to the Ranch Sale by Flying Horse Shoe Ranch, Comstock Bros, owners, Morris, Penna Ronald D West, sale manager, Robert Shaylor, Auctioneer.

TUES JUNE 8—7 30 p.m. Complete Herd Dispersal of 67 Registered & Grade Holstein COWS & HEIFERS, DHIA Average 13748M - 541 F, 400 Gal. Moj Vac Tank. James Voss, Owner, Sale at Harry Rudnick & Sons, Inc, Galena, Maryland.

WED JUNE 9—Maryland Herd Dispersal of 47 Head Holsteins at the New Holland Sales Stables, New Holland, Pa Consigned by Glenn Fite

WED. JUNE 9 — 8 00 P.M Public Sale of 100 to 150 Holstein Steers at the Aberdeen Sales Company in Churchville, Harford Co, Md. located on Md Rt. 22 6 mi east of Bel Air, Md, (via U S Rt 1) and 6 mi west of Aberdeen, Md (via U S Rt 40 or Kennedy Highway) Sale by Aberdeen Sales Company, Sale Managers

THURS. JUNE 10 — 7 P.M Public Sale of a Good Dairy at Prattsburg, N Y Rte. 53, off Rte 15 at Bath Sale by Mr & Mrs. Robert Babcock, owners, Auction by Rumseys', 226 Liberty St, Bath, N. Y

THURS. JUNE 10 — 10 A M Sharp, Real Estate 2 P M. Public Sale of Complete Dispersal of Locust Meadow Farm, Real Estate, Dairy Cattle, Farm Equipment situated in Bethel Township, Lebanon County, Pa. along Route 343, 1½ mile South of Fredericksburg and Route 22. Turn west at Fireman's Park, ½ mile to farm lane Sale by Wesley H Quigley Jr, Jean H. Quigley, Earl S Buffenmeyer, Auctioneer

FRI JUNE 11 — 8 P M EDST Public Auction of 60 Registered and Top Grade Holstein Dairy Cattle to be held in the dairy barn arena at the Aberdeen Sales Company in Churchville, Harford Co., Md, located on Md. Rt 22, 6 mi east of Bel Air Md. (via U S Rt 1) and 6 mi. west of Aberdeen, Md (via U S Rt. 40 or Kennedy Highway). Sale by Aberdeen Sales Company, Sale Managers

SAT. JUNE 12—10 A M. Consignment Auction of Construction Equipment at the York County Farm & Industrial Equipment Co, Inc, Auction Company, 4 miles north of York, Pa. on Route 181, right off Interstate 83 at Exit 10 or 11. Sale conducted by York County Farm & Industrial Equipment Co., Inc, Auction Co, Box 222, Emigsville, Pa. 17318

WED JUNE 16—9 A.M. Farm Equipment Sale at Martin's, Blue Ball, Pa Terms by Paul Z. Martin. Martin Auctioneers and Associates.

FRI JUNE 25 — 12 30 "Good Ole" Summer Time Registered Holstein Sale located along Rt. 222, 7 miles South of Lancaster, 6 miles North of Quarryville, Lancaster Co, Pa at Carl Diller Barn Sale by Carl Diller, J Everett Kreider, Auctioneer.

WED JULY 14—Horse Sale at Blue Ball, Pa Terms by Paul Z. Martin, Blue Ball, Pa Martin Auctioneers

WED AUG 11—9 A M. Equipment Sale at Martin's, Blue Ball, Pa Terms by Paul Z Martin, Martin Auctioneers and Associates.

THURS AUG. 19 — Complete Holstein Dairy Dispersal of 130 head located near Bernville, 3 miles south east of Charlottsville in Berks County Sale by John B. Schlappich Kreider and Diller auctioneers.

MON. AUG 30 — Shalco's "Colossal" Vacation Sale at Minatare, Nebraska

THURS. NOV. 4 — "Colossal" Progeny Sale, Staunton, Virginia.

FRI. NOV. 5 — Shalco's Sugar Loaf Division "Colossal" Calf Sale, Staunton, Virginia

PUBLIC SALE

Complete Dispersal of LOCUST MEADOW FARM Real Estate — Dairy Cattle — Farm Equipment —

THURSDAY, JUNE 10, 1971

Situated in Bethel Township, Lebanon County, Pa Along Route 343. 1½ mile south of Fredericksburg and Route 22. Turn west at Fireman's Park, ½ mile to farm lane

104 — Acre Modern Dairy Farm — 104

Farm consists of 85 acres in high state of cultivation, 47 acres planted corn, 12 acres alfalfa, seeded spring 1970 Balance in mixed hay, and pasture Spring fed stream 11 acres woodland Farm has been under excellent lime, and fertilization practices Hay fields top dressed — 1971. Farm bordered on the South by Little Swatara Creek. Drilled well with abundant water supply.

Improvements consist of 2 story log house with asbestos siding 1st floor large living room, modern kitchen with built-in range and dishwasher, 2nd floor 3 bedrooms and bath Cemented basement with bath. Attached summer house. Oil fired forced hot air heat.

Bank barn 40' x 88' 40 free stalls, 8 stall milking area Paved dry lot with manure drop-off, bunk feeder, 10' x 40' concrete Stave silo 25' x 125' trench silo, attached masonry milk house Approved for M C D no 1 market. Young stock barn, 30' x 30 with free stalls, and feed bunk, heated masonry calf barn with tie stalls, 3 corn cribs, 25' x 40' masonry block farm shop, and equipment storage Underground storage fuel tanks, and LP gas tank Recently new plumbing and electrical service to necessary buildings

4 building lots of approx ½ acre each, offered as separate tracts Real estate selling with immediate possession of land and outbuildings Possession of house upon final settlement.

Real Estate Sale 2 00 P M.

Inspection by Appointment. Call 717-865-2424.

75 Head — Registered — Grade Holsteins — 75

Vaccinated — D.H.I.A. Records.

Herd consists of 37 milk cows 31 registered, 6 grades, 4 fresh or close springers 15 due in August and September Balance in various stages of lactation Sires represented — Whirlhill Kingpin, Pinyhill Galaxy, Rosni Conqueror, Korndyke Fobes Admiral Lucifer Autocrat 30 Registered, 8 Grade heifers 10 Bred heifers, 28 heifers 3-15 mo. Sires Represented — 7 King pins, 7 Galaxy, 8 UNH President King, 4 Astronaut, 4 Admiral Imperial Chief, 3 Arlinda Chief, 1 Dividend Performer, Admiral Jay and Senator Curtis

Service Sires — Paclamar Astronaut, UNH President King Admiral Imperial Chief, Connerhill Ivanhoe Leader, Penngate Fond Reflection.

Dairy Equipment

Zero 600 gal bulk Tank M C D #1, Dump station, 4 New Boumatic milker units, utensil table, 2 hp. vacuum pump. 7 ton steel feed bin with auger. Wilson can cooler, milk cans, Surge vacuum pump. Animal clippers, 6 steel free stalls and dairy supplies.

Farm Equipment

1970 Ford 3000 tractor 275 hrs. I H C. 606 utility tractor with fast hitch. Henry No 10 3 pt. backhoe, McCormick 46 baler with thrower, McCormick No 8 flail chopper, McCormick 58 4 row corn planter liquid fert. att., insecticide att, New Idea Cut/Ditioner. Papec forage box, Grove bale wagon, New Idea rake Smoker 32' elevator, Cunningham conditioner, 5 conditioner rolls wagon with bed, wagon with drop sides, New Idea 195 bu spreader with end gate Ontario 13 hoe drill, Lely 3 pt fert. spreader McCormick 3-14 311 plow, McCormick 10 disk, McCormick 8' HD disk 10' soil pulverizer, 3 section spring tooth harrow, Century 200 gal field sprayer, 3 pt 2 row cultivator, 3 pt scraper blade trailer with cattle racks Bearcat hammermill, Cyclone tractor seeder, 2 feed carts, water troughs, exhaust fans, fence posts electric fencer, tractor wheel weights, hydraulic cylinders, water bowls, cattle oiler, 1000 watt generator, acetylene welding outfit, 100-amp battery charger, hydraulic jack, lube equipment, tackling, chain hoist, pipe vise, sabre saw, Lombard chain saw band saw, shop vacuum cleaner, air compressor, assortment of lumber, and steel building supplies, bolts, rakes, forks, shovels hand tools and numerous other items

Reo Truck — 20,000 lb. gross with 1000 gal. liquid Fertilizer Tank
Hi-Fi and Electronic Equipment
Separate Advertisement
Household and Personal Property

Upright piano, record player, metal wardrobe, butcher furnace, 15 cu ft chest freezer, riding mower, riding lawn tractor 3 ft reel mower, rotary mower, Sears boat trailer, outboard trolling motor, chinaware and other items

Sale to Commence at 10 A.M. Sharp
Real Estate 2:00 P.M.

Order of Sale: Small Tools, Household, Farm Machinery, Dairy cattle, Electronic Equipment

Conditions by
WESLEY H. QUIGLEY JR.
JEAN H. QUIGLEY

Auct. Earl S. Buffenmeyer — Pedigrees - Art Kunkle
Clerks, Zug - Brandt
Attorney C. V. Henry III

Refreshments — Fredericksburg Church of Brethren
Not Responsible for Accidents

Equipment Sale

at

MARTIN'S — Blue Ball, Pa.

WEDNESDAY, JUNE 16, 1971

TRACTORS, BALERS, COMBINES, HARVESTERS, and every Line of Farm Equipment, Horse-drawn, Dairy, Lumber.

Posts and Small Tools. Antiques and Collectors Items.
We Sell on Commission - Hay and Straw.
$1.00 Ton Commission.
We will receive goods from June 14 - 15 and to Sale Time, 7·30 a m. to 5:00 p.m.
Sale starts at 9:00 a.m.

PAUL Z. MARTIN
717-354-6671

Martin Auctioneers and Associates

NEXT SALE — WEDNESDAY, AUGUST 11th, 1971

CONSIGNMENT AUCTION

CONSTRUCTION EQUIPMENT

SAT., JUNE 12, 1971 10:00 A.M.

EMIGSVILLE, PA.

NOTICE Consignment Sale — Absolute Auction with No Buy Backs — No Bid Ins — No Minimums This is only a partial listing of equipment to be offered

LOCATION York County Farm & Industrial Equipment Co., Inc, Auction Company, 4 miles north of York, Pennsylvania on Route 181. Right off Interstate 83 at Exit 10 or 11.

TRACTOR BACKHOES AND LOADERS

Ford 4500 backhoe loader w/cab; Ford 4400 loader w/cab; Ford 4400 w/boom and 3 point hitch; John Deere 1010 diesel w/loader; John Deere 2010 diesel w/loader & backhoe frames; Massey-Ferguson 304 diesel w/backhoe & loader; two Case 530CK's w/backhoes and loader.

CRAWLER TRACTORS

John Deere 350 diesel w/loader; John Deere 2010 diesel w/loader; Cat. 933 diesel w/loader; International T-5 gas w/blade & fire plow; Cat D-2 diesel w/blade; John Deere 1010 diesel w/blade; A-C HD4 diesel w/loader; Case 310 diesel w/loader.

TRUCKS

Ford F-1000; Chevrolet dump 60 series; Ford F-600 dump; pickup trucks.

MISCELLANEOUS

Two 15 ton tag-a-long trailers; two 9 ton tag-a-long trailers; 6 ton tag-a-long trailer; Hancock Model 282 self loading pan 9½ yard cap.; Davey air compressor.

TERMS: Cash, Certified Check or Letter of Credit.

Sale Conducted By:

York County Farm & Industrial Equip. Co. Inc. Auction Co.

BOX 222 — EMIGSVILLE, PA. 17318
717-764-6412 — DAYS
717-665-2354 — NIGHTS

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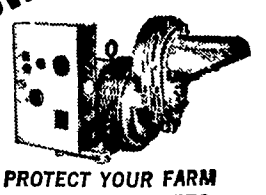
When Power Fails



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LABOR SAVING — FEEDING HOURS

As Little As 2 Hours A Day Feeds 100 Calves.

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3 To make more $ per acre for you.
4. To eliminate your need for more expensive acres.

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Ephrata
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M. M. Good & Son
Gordonville
768-3781

Mrs. Jacob L. Kurtz
Elizabethtown
367-5430

Willow Street Store
464-3521

Quarryville Store
786-2126